

Liang Cheng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

438
papers

22,844
citations

69
h-index

142
g-index

485
ext. papers

28,607
ext. citations

7.6
avg, IF

7.57
L-index

#	Paper	IF	Citations
438	Recent advances in upconversion nanoparticle-based nanocomposites for gas therapy.. <i>Chemical Science</i> , 2022 , 13, 1883-1898	9.4	5
437	Nanoscale CaH ₂ materials for synergistic hydrogen-immune cancer therapy. <i>CheM</i> , 2022 , 8, 268-286	16.2	12
436	Bimetallic oxide Cu _{1.5} Mn _{1.5} O ₄ cage-like frame nanospheres with triple enzyme-like activities for bacterial-infected wound therapy. <i>Nano Today</i> , 2022 , 43, 101380	17.9	7
435	Effect of microbially induced calcite precipitation treatment on the bonding properties of steel fiber in ultra-high performance concrete. <i>Journal of Building Engineering</i> , 2022 , 50, 104132	5.2	7
434	T1 bladder carcinoma with variant histology: pathological features and clinical significance.. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2022 , 1	5.1	0
433	Albumin-Based Therapeutics Capable of Glutathione Consumption and Hydrogen Peroxide Generation for Synergetic Chemodynamic and Chemotherapy of Cancer.. <i>ACS Nano</i> , 2022 ,	16.7	5
432	Construction of Water Pond Using Bioslurry-Induced Biocementation. <i>Journal of Materials in Civil Engineering</i> , 2022 , 34,	3	2
431	Titanium carbide nanosheets with defect structure for photothermal-enhanced sonodynamic therapy. <i>Bioactive Materials</i> , 2022 , 8, 409-419	16.7	15
430	Mechanical Behavior and Microstructural Study of Biocemented Sand under Various Treatment Methods. <i>Geofluids</i> , 2022 , 2022, 1-11	1.5	0
429	Oxygen-deficient titanium dioxide-loaded black phosphorus nanosheets for synergistic photothermal and sonodynamic cancer therapy 2022 , 212794		1
428	Electrochemistry of newly isolated Gram-positive bacteria <i>Paenibacillus lautus</i> with starch as sole carbon source. <i>Electrochimica Acta</i> , 2022 , 411, 140068	6.7	1
427	Magnesium galvanic cells produce hydrogen and modulate the tumor microenvironment to inhibit cancer growth.. <i>Nature Communications</i> , 2022 , 13, 2336	17.4	5
426	Tumor microenvironment heterogeneity an important mediator of prostate cancer progression and therapeutic resistance.. <i>Npj Precision Oncology</i> , 2022 , 6, 31	9.8	2
425	Impact of biosurfactant and iron nanoparticles on biodegradation of polyaromatic hydrocarbons (PAHs).. <i>Environmental Pollution</i> , 2022 , 119384	9.3	2
424	Macrophage-Mediated Porous Magnetic Nanoparticles for Multimodal Imaging and Postoperative Photothermal Therapy of Gliomas. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 56825-56837	9.5	5
423	Incorporating Transcriptomic-Metabolomic analysis reveal the effect of ultrasound on ethanol production in <i>Saccharomyces Cerevisiae</i> . <i>Ultrasonics Sonochemistry</i> , 2021 , 79, 105791	8.9	1
422	Molecular Characterization of Testicular Germ Cell Tumors Using Tissue Microdissection. <i>Methods in Molecular Biology</i> , 2021 , 2195, 31-47	1.4	1

421	Aqueous and Visible-Light-Promoted C-H (Hetero)arylation of Uracil Derivatives with Diazoniums. <i>Journal of Organic Chemistry</i> , 2021 , 86, 16434-16447	4.2	2
420	Titanium-based sonosensitizers for sonodynamic cancer therapy. <i>Applied Materials Today</i> , 2021 , 25, 101265	2.1	6
419	Intraductal Carcinoma of the Prostate: Pathogenesis and Molecular Perspectives. <i>European Urology Focus</i> , 2021 , 7, 955-963	5.1	3
418	Fibroblast growth factor receptor () gene: pathogenesis and treatment implications in urothelial carcinoma of the bladder. <i>Journal of Clinical Pathology</i> , 2021 , 74, 491-495	3.9	3
417	HO-Responsive Gold Nanoclusters @ Mesoporous Silica @ Manganese Dioxide Nanozyme for "Off/On" Modulation and Enhancement of Magnetic Resonance Imaging and Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 14928-14937	9.5	23
416	Telomerase reverse transcriptase (TERT) promoter mutations in primary adenocarcinoma of bladder and urothelial carcinoma with glandular differentiation: pathogenesis and diagnostic implications. <i>Modern Pathology</i> , 2021 , 34, 1384-1391	9.8	3
415	Let us not forget about our past contributions to the field of prostatic neoplasms: To some extent what we value now was already there. <i>Pathology Research and Practice</i> , 2021 , 219, 153377	3.4	
414	New developments in existing WHO entities and evolving molecular concepts: The Genitourinary Pathology Society (GUPS) update on renal neoplasia. <i>Modern Pathology</i> , 2021 , 34, 1392-1424	9.8	34
413	A review of China's municipal solid waste (MSW) and comparison with international regions: Management and technologies in treatment and resource utilization. <i>Journal of Cleaner Production</i> , 2021 , 293, 126144	10.3	77
412	Interaction between strong sound waves and cloud droplets: Cloud chamber experiment. <i>Applied Acoustics</i> , 2021 , 176, 107891	3.1	5
411	Circulating Tumor DNA Testing for Homology Recombination Repair Genes in Prostate Cancer: From the Lab to the Clinic. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
410	Introducing spin polarization into atomically thin 2D carbon nitride sheets for greatly extended visible-light photocatalytic water splitting. <i>Nano Energy</i> , 2021 , 83, 105783	17.1	17
409	Biologically reduced graphene oxide as a green and easily available photocatalyst for degradation of organic dyes. <i>Environmental Research</i> , 2021 , 196, 110983	7.9	11
408	Reply to Alessia Cimadamore, Antonio Lopez-Beltran, Marina Scarpelli, and Rodolfo Montironi's Letter to the Editor re: Timothy D. Jones, Liang Cheng. Histologic Grading of Bladder Tumors: Using Both the 1973 and 2004/2016 World Health Organization Systems in Combination Provides Valuable Information for Establishing Prognostic Risk Groups. <i>Eur Urol</i> 2021;79:483-91. Towards	10.2	
407	EWSR1-PATZ1 fusion renal cell carcinoma: a recurrent gene fusion characterizing thyroid-like follicular renal cell carcinoma. <i>Modern Pathology</i> , 2021 , 34, 1921-1934	9.8	8
406	Renal oncocytoma with adverse pathologic features: a clinical and pathologic study of 50 cases. <i>Modern Pathology</i> , 2021 , 34, 1947-1954	9.8	1
405	ROS-based dynamic therapy synergy with modulating tumor cell-microenvironment mediated by inorganic nanomedicine. <i>Coordination Chemistry Reviews</i> , 2021 , 437, 213828	23.2	21
404	Genetic and epigenetic regulation in neoplasms composed of both germ cells and sex cord elements. <i>Pathology Research and Practice</i> , 2021 , 222, 153428	3.4	

403	Low-grade oncocytic tumour expands the spectrum of renal oncocytic tumours and deserves separate classification: a review of 23 cases from a single tertiary institute. <i>Journal of Clinical Pathology</i> , 2021 ,	3.9	6
402	Highly differentiated follicular thyroid-type carcinoma of the ovary reconsidered. <i>Journal of Clinical Pathology</i> , 2021 , 74, 553-557	3.9	0
401	Comprehensive characterisation of pancreatic ductal adenocarcinoma with microsatellite instability: histology, molecular pathology and clinical implications. <i>Gut</i> , 2021 , 70, 148-156	19.2	64
400	Biodegradable magnesium alloy with eddy thermal effect for effective and accurate magnetic hyperthermia ablation of tumors. <i>National Science Review</i> , 2021 , 8, nwaa122	10.8	11
399	Role of Neoadjuvant Chemotherapy in Squamous Variant Histology in Urothelial Bladder Cancer: Does Presence and Percentage Matter?. <i>Clinical Genitourinary Cancer</i> , 2021 , 19, 47-52	3.3	0
398	Titanium-based nanomaterials for cancer theranostics. <i>Coordination Chemistry Reviews</i> , 2021 , 430, 213662	23.2	24
397	Re: Alfonso Gñez de Liañ Lista, Nick van Dijk, Guillermo de Velasco Oria de Rueda, et al. Clinical Outcome After Progressing to Frontline and Second-line Anti-PD-1/PD-L1 in Advanced Urothelial Cancer. <i>Eur Urol</i> 2020;77:269-76: Progression and Hyperprogression Versus Pseudoprogression: Morphologic Documentation. <i>European Urology</i> , 2021 , 79, e17-e19	10.2	1
396	Herbicidal activity of <i>Beauveria</i> sp. from Tibetan Plateau biome against <i>Avena fatua</i> L.. <i>Biocontrol Science and Technology</i> , 2021 , 31, 265-283	1.7	
395	Clinical Considerations and Prognosis of Well-Differentiated Neuroendocrine Tumor Occurring Within a Renal Teratoma-A Case Series. <i>Clinical Genitourinary Cancer</i> , 2021 , 19, e72-e77	3.3	0
394	Stage T1 bladder cancer: diagnostic criteria and pitfalls. <i>Pathology</i> , 2021 , 53, 67-85	1.6	5
393	Promising novel therapies for relapsed and refractory testicular germ cell tumors. <i>Expert Review of Anticancer Therapy</i> , 2021 , 21, 53-69	3.5	1
392	Addition reactions of organic carbanion equivalents via hydrazones in water. <i>Tetrahedron</i> , 2021 , 80, 131889	18.9	9
391	Prostate cancer grading, time to go back to the future. <i>BJU International</i> , 2021 , 127, 165-168	5.6	0
390	Invasive poorly differentiated adenocarcinoma of the bladder following augmentation cystoplasty: a multi-institutional clinicopathological study. <i>Pathology</i> , 2021 , 53, 214-219	1.6	2
389	Biocarbonation of reactive magnesia for soil improvement. <i>Acta Geotechnica</i> , 2021 , 16, 1113-1125	4.9	7
388	Intraductal carcinoma of the prostate is not a diagnostic entity. <i>Histopathology</i> , 2021 , 78, 342-344	7.3	3
387	A photo-responsive chemical modulation of mA RNA demethylase FTO. <i>Chemical Communications</i> , 2021 , 57, 10548-10551	5.8	0
386	Immune Checkpoint Inhibitors for the Treatment of Bladder Cancer. <i>Cancers</i> , 2021 , 13,	6.6	51

385	A Universal Measurement Method for Nanoparticle Number Concentration Based on Atomic Force Microscope. <i>IEEE Nanotechnology Magazine</i> , 2021 , 1-1	2.6	0
384	Predicting future cancer burden in the United States by artificial neural networks. <i>Future Oncology</i> , 2021 , 17, 159-168	3.6	6
383	Dynamically controlling the electrode potential of a microbial fuel cell-powered biocathode for sensitive quantification of nitrate. <i>Electrochimica Acta</i> , 2021 , 369, 137661	6.7	7
382	Novel, emerging and provisional renal entities: The Genitourinary Pathology Society (GUPS) update on renal neoplasia. <i>Modern Pathology</i> , 2021 , 34, 1167-1184	9.8	30
381	Room-Temperature Hydrogen-Sensing Capabilities of Pt-SnO and Pt-ZnO Composite Nanoceramics Occur via Two Different Mechanisms. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
380	Multitarget fluorescence in situ hybridization diagnostic applications in solid and hematological tumors. <i>Expert Review of Molecular Diagnostics</i> , 2021 , 21, 161-173	3.8	0
379	An update on investigational therapies that target STAT3 for the treatment of cancer. <i>Expert Opinion on Investigational Drugs</i> , 2021 , 30, 245-251	5.9	3
378	Mixed germ cell-sex cord stromal tumour of the testis and ovary: comparison and contrast. <i>Pathology</i> , 2021 , 53, 166-169	1.6	1
377	Activating Layered Metal Oxide Nanomaterials via Structural Engineering as Biodegradable Nanoagents for Photothermal Cancer Therapy. <i>Small</i> , 2021 , 17, e2007486	11	49
376	Molecular pathology of urothelial carcinoma. <i>Human Pathology</i> , 2021 , 113, 67-83	3.7	4
375	A Light-Controllable Chemical Modulation of m A RNA Methylation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 18116-18121	16.4	6
374	Amine-Assisted Delaminated 2D TiCT MXenes for High Specific Capacitance in Neutral Aqueous Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 35878-35888	9.5	2
373	Adsorption of organic compounds from aqueous solution by pyridine-2-carboxaldehyde grafted MIL-101(Cr)-NH ₂ metal-organic frameworks. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105275	6.8	11
372	Liquid exfoliation of TiN nanodots as novel sonosensitizers for photothermal-enhanced sonodynamic therapy against cancer. <i>Nano Today</i> , 2021 , 39, 101170	17.9	32
371	Experimental and Analytical Study on Geomechanical Behavior of Biocemented Sand. <i>International Journal of Geomechanics</i> , 2021 , 21, 04021126	3.1	5
370	A general in-situ reduction method to prepare core-shell liquid-metal / metal nanoparticles for photothermally enhanced catalytic cancer therapy. <i>Biomaterials</i> , 2021 , 277, 121125	15.6	9
369	Copper single-atom catalysts with photothermal performance and enhanced nanozyme activity for bacteria-infected wound therapy. <i>Bioactive Materials</i> , 2021 , 6, 4389-4401	16.7	45
368	Ultra-small natural product based coordination polymer nanodots for acute kidney injury relief. <i>Materials Horizons</i> , 2021 , 8, 1314-1322	14.4	10

367	Inorganic nanomaterials with rapid clearance for biomedical applications. <i>Chemical Society Reviews</i> , 2021 , 50, 8669-8742	58.5	55
366	Diagnostic approach in TFE3-rearranged renal cell carcinoma: a multi-institutional international survey. <i>Journal of Clinical Pathology</i> , 2021 , 74, 291-299	3.9	7
365	DNA-Modified Electrochemiluminescent Tris(4,4'-Dicarboxylicacid-2,2'-Bipyridyl)Ruthenium(II) Dichloride and Assistant DNA-Modified Carbon Nitride Quantum Dots for Hg ²⁺ Detection. <i>ACS Applied Nano Materials</i> , 2021 , 4, 1009-1018	5.6	11
364	Silicon nanowires decorated with platinum nanoparticles were applied for photothermal-enhanced sonodynamic therapy. <i>Theranostics</i> , 2021 , 11, 9234-9242	12.1	6
363	Fluorescence In Situ Hybridization (FISH) Detection of Chromosomal 12p Anomalies in Testicular Germ Cell Tumors. <i>Methods in Molecular Biology</i> , 2021 , 2195, 49-63	1.4	1
362	Carcinosarcoma, a Rare Malignant Neoplasm of the Pancreas.. <i>Current Oncology</i> , 2021 , 28, 5295-5303	2.8	
361	Androgen Receptor Signaling Pathway in Prostate Cancer: From Genetics to Clinical Applications. <i>Cells</i> , 2020 , 9,	7.9	26
360	Regioselective synthesis and anticancer evaluation of HO-activable nucleosides. <i>Chemical Communications</i> , 2020 , 56, 6484-6487	5.8	6
359	Renal Volume Loss During Partial Nephrectomy Due to Resected Healthy Parenchyma: A Tool for Quick Estimation. <i>Journal of Endourology</i> , 2020 , 34, 856-861	2.7	1
358	High-strength wastewater treatment using microbial biofilm reactor: a critical review. <i>World Journal of Microbiology and Biotechnology</i> , 2020 , 36, 75	4.4	17
357	Urologists During the COVID-19 Pandemic: What Can Be Learned in Terms of Social Interaction, Visibility, and Social Distance. <i>European Urology</i> , 2020 , 78, 478-481	10.2	8
356	PreImplantation Factor immunohistochemical expression correlates with prostate cancer aggressiveness. <i>International Journal of Biological Markers</i> , 2020 , 35, 82-90	2.8	1
355	Report From the International Society of Urological Pathology (ISUP) Consultation Conference On Molecular Pathology Of Urogenital Cancers. II. Molecular Pathology of Bladder Cancer: Progress and Challenges. <i>American Journal of Surgical Pathology</i> , 2020 , 44, e30-e46	6.7	16
354	Newly developed strategies for improving sonodynamic therapy. <i>Materials Horizons</i> , 2020 , 7, 2028-2046	14.4	77
353	Current Strategies and Novel Therapeutic Approaches for Metastatic Urothelial Carcinoma. <i>Cancers</i> , 2020 , 12,	6.6	38
352	Injectable Nonmagnetic Liquid Metal for Eddy-Thermal Ablation of Tumors under Alternating Magnetic Field. <i>Small Methods</i> , 2020 , 4, 2000147	12.8	17
351	Granular necrosis: a distinctive form of cell death in malignant tumours. <i>Pathology</i> , 2020 , 52, 507-514	1.6	7
350	Multifunctional Prussian blue-based nanomaterials: Preparation, modification, and theranostic applications. <i>Coordination Chemistry Reviews</i> , 2020 , 419, 213393	23.2	27

349	Reappraisal of the papillary urothelial neoplasm of low malignant potential (PUNLMP). <i>Histopathology</i> , 2020 , 77, 525-535	7.3	3
348	Ultrafine Titanium Monoxide (TiO) Nanorods for Enhanced Sonodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6527-6537	16.4	151
347	Chemical Deprenylation of N -Isopentenyladenosine (i A) RNA. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10645-10650	16.4	11
346	Polymorphonuclear MDSCs are enriched in the stroma and expanded in metastases of prostate cancer. <i>Journal of Pathology: Clinical Research</i> , 2020 , 6, 171-177	5.3	10
345	Re: Multi-institutional Re-evaluation of Prognostic Factors in Chromophobe Renal Cell Carcinoma: Proposal of a Novel Two-tiered Grading Scheme. <i>European Urology</i> , 2020 , 78, 114-116	10.2	3
344	Cystic Trophoblastic Tumor in a Primary Central Nervous System Post-Chemotherapy Germ Cell Tumor: The First Case Report. <i>International Journal of Surgical Pathology</i> , 2020 , 28, 925-928	1.2	0
343	Gene fusion characterisation of rare aggressive prostate cancer variants-adenosquamous carcinoma, pleomorphic giant-cell carcinoma, and sarcomatoid carcinoma: an analysis of 19 cases. <i>Histopathology</i> , 2020 , 77, 890-899	7.3	3
342	Update on Circulating Tumor Cells in Genitourinary Tumors with Focus on Prostate Cancer. <i>Cells</i> , 2020 , 9,	7.9	2
341	New Frontiers in Prostate Cancer Treatment: Are We Ready for Drug Combinations with Novel Agents?. <i>Cells</i> , 2020 , 9,	7.9	4
340	Gonadoblastoma in individuals with a normal karyotype and no evidence of a disorder of sex development. <i>Pathology</i> , 2020 , 52, 605-607	1.6	2
339	Predictors of Prostate-specific Membrane Antigen (PSMA/FOLH1) Expression in a Genomic Database. <i>Urology</i> , 2020 , 144, 117-122	1.6	1
338	Immunophenotypic and pathologic heterogeneity of unclassified renal cell carcinoma: a study of 300 cases. <i>Human Pathology</i> , 2020 , 102, 70-78	3.7	5
337	Renal Cell Carcinoma: genomic landscape and clinical implications. <i>Expert Review of Precision Medicine and Drug Development</i> , 2020 , 5, 95-100	1.6	1
336	Re: Maria Chiara Sighinolfi, Bernardo Rocco's Words of Wisdom re: EAU Guidelines: Prostate Cancer 2019. Mottet N, van den Bergh RCN, Briers E, et al. https://uroweb.org/guideline/prostate-cancer/ . <i>Eur Urol</i> 2019;76:871. <i>European Urology</i> , 2020 , 77, e122-e127	10.2	
335	Tumor microenvironment-responsive intelligent nanoplatfoms for cancer theranostics. <i>Nano Today</i> , 2020 , 32, 100851	17.9	118
334	The applicability and utility of immunohistochemical biomarkers in bladder pathology. <i>Human Pathology</i> , 2020 , 98, 32-55	3.7	13
333	Liquid metal droplet robot. <i>Applied Materials Today</i> , 2020 , 19, 100597	6.6	29
332	Molecular diagnostics in uro-oncology. <i>Expert Review of Molecular Diagnostics</i> , 2020 , 20, 117-121	3.8	1

331	Clinicopathologic analysis of upper urinary tract carcinoma with variant histology. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020 , 477, 111-120	5.1	13
330	Facile Preparation of CuSe Nanosheets as Dual-Functional Antibacterial Agents.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 1418-1425	4.1	4
329	Morphologic, Molecular and Clinical Features of Aggressive Variant Prostate Cancer. <i>Cells</i> , 2020 , 9,	7.9	8
328	Sequential or Concomitant Inhibition of Cyclin-Dependent Kinase 4/6 Before mTOR Pathway in Hormone-Positive HER2 Negative Breast Cancer: Biological Insights and Clinical Implications. <i>Frontiers in Genetics</i> , 2020 , 11, 349	4.5	5
327	Multifunctional sonosensitizers in sonodynamic cancer therapy. <i>Chemical Society Reviews</i> , 2020 , 49, 3244-3261	5.2	220
326	A new survival model based on ferroptosis-related genes for prognostic prediction in clear cell renal cell carcinoma. <i>Aging</i> , 2020 , 12, 14933-14948	5.6	45
325	Tumor microenvironment-responsive contrast agents for specific cancer imaging: a narrative review. <i>Journal of Bio-X Research</i> , 2020 , 3, 144-156	0.4	0
324	Immunotherapy and Radiation Therapy in Renal Cell Carcinoma. <i>Current Drug Targets</i> , 2020 , 21, 1463-1475	3.5	4
323	PD1 and PD-L1 Inhibitors for the Treatment of Kidney Cancer: The Role of PD-L1 Assay. <i>Current Drug Targets</i> , 2020 , 21, 1664-1671	3	3
322	PD-L1 Inhibitors for the Treatment of Prostate Cancer. <i>Current Drug Targets</i> , 2020 , 21, 1558-1565	3	1
321	A Simplified Diagnostic Approach on TFE3 Gene Fusion-Associated Renal Cell Carcinoma. <i>Archives of Pathology and Laboratory Medicine</i> , 2020 ,	5	1
320	Editorial Comment. <i>Journal of Urology</i> , 2020 , 204, 246	2.5	
319	Mesoporous silica decorated with platinum nanoparticles for drug delivery and synergistic electrodynamic-chemotherapy. <i>Nano Research</i> , 2020 , 13, 2209-2215	10	19
318	Prostate Specific Membrane Antigen Targeted Positron Emission Tomography of Primary Prostate Cancer: Assessing Accuracy with Whole Mount Pathology. <i>Journal of Urology</i> , 2020 , 203, 92-99	2.5	5
317	Biodegradable CoS2 nanoclusters for photothermal-enhanced chemodynamic therapy. <i>Applied Materials Today</i> , 2020 , 18, 100464	6.6	27
316	Liquid biopsy in germ cell tumors: biology and clinical management. <i>Expert Review of Molecular Diagnostics</i> , 2020 , 20, 187-194	3.8	9
315	GSH-Depleted PtCu3 Nanocages for Chemodynamic- Enhanced Sonodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 1907954	15.6	184
314	The Utility of ERBB4 and RB1 Immunohistochemistry in Distinguishing Chromophobe Renal Cell Carcinoma From Renal Oncocytoma. <i>International Journal of Surgical Pathology</i> , 2020 , 28, 259-264	1.2	5

313	Five decades of urologic pathology: the accelerating expansion of knowledge in renal cell neoplasia. <i>Human Pathology</i> , 2020 , 95, 24-45	3.7	8
312	Herbicidal activity of <i>Aureobasidium pullulans</i> PA-2 on weeds and optimization of its solid-state fermentation conditions. <i>Journal of Integrative Agriculture</i> , 2020 , 19, 173-182	3.2	4
311	Primary Renal Synovial Sarcomas: PAX 8 Immunostaining and Unusual Molecular Findings. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020 , 28, 221-228	1.9	5
310	Validation of a neuroendocrine-like classifier confirms poor outcomes in patients with bladder cancer treated with cisplatin-based neoadjuvant chemotherapy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020 , 38, 262-268	2.8	9
309	Current and emerging bladder cancer biomarkers with an emphasis on urine biomarkers. <i>Expert Review of Molecular Diagnostics</i> , 2020 , 20, 231-243	3.8	14
308	Intraductal carcinoma of the prostate is an aggressive form of invasive carcinoma and should be graded. <i>Pathology</i> , 2020 , 52, 192-196	1.6	14
307	Fluorescence In Situ Hybridization for the X and Y Chromosome Centromeres Helps Differentiate Between Gestational and Nongestational Choriocarcinoma in Clinically Ambiguous Cases. <i>Archives of Pathology and Laboratory Medicine</i> , 2020 , 144, 863-868	5	2
306	Gonadoblastoma: origin and outcome. <i>Human Pathology</i> , 2020 , 100, 47-53	3.7	5
305	Micropapillary urothelial carcinoma of urinary bladder displays immunophenotypic features of luminal and p53-like subtypes and is not a variant of adenocarcinoma. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020 , 38, 449-458	2.8	8
304	Insulinoma-associated Protein 1 (INSM1) Expression in Small Cell Neuroendocrine Carcinoma of the Urinary Tract. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020 , 28, 687-693	1.9	8
303	STAT6 Expression in Solitary Fibrous Tumor and Histologic Mimics: a Single Institution Experience. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020 , 28, 311-315	1.9	12
302	Morphologic and Immunohistochemical Characteristics of Fluorescent In Situ Hybridization Confirmed TFE3-Gene Fusion Associated Renal Cell Carcinoma: A Single Institutional Cohort. <i>American Journal of Surgical Pathology</i> , 2020 , 44, 1450-1458	6.7	8
301	Designing novel immunocombinations in metastatic renal cell carcinoma. <i>Immunotherapy</i> , 2020 , 12, 1257-1268	5.8	4
300	Gonadoblastoma versus ovarian mixed germ cell-sex cord stromal tumor in women or girls with no evidence of a disorder of sex development: A problem in differential diagnosis. <i>Pathology Research and Practice</i> , 2020 , 216, 153198	3.4	0
299	Biodegradable Nickel Disulfide Nanozymes with GSH-Depleting Function for High-Efficiency Photothermal-Catalytic Antibacterial Therapy. <i>IScience</i> , 2020 , 23, 101281	6.1	38
298	Ultrasmall Iron-Doped Titanium Oxide Nanodots for Enhanced Sonodynamic and Chemodynamic Cancer Therapy. <i>ACS Nano</i> , 2020 , 14, 15119-15130	16.7	66
297	V-TiO ₂ nanospindles with regulating tumor microenvironment performance for enhanced sonodynamic cancer therapy. <i>Applied Physics Reviews</i> , 2020 , 7, 041411	17.3	29
296	Biodegradable Fe-Doped Vanadium Disulfide Theranostic Nanosheets for Enhanced Sonodynamic/Chemodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 52370-52382	9.5	31

295	Combination therapy in advanced urothelial cancer: the role of PARP, HER-2 and mTOR inhibitors. <i>Expert Review of Anticancer Therapy</i> , 2020 , 20, 755-763	3.5	7
294	Injectable Anti-inflammatory Nanofiber Hydrogel to Achieve Systemic Immunotherapy Post Local Administration. <i>Nano Letters</i> , 2020 , 20, 6763-6773	11.5	31
293	Urothelial carcinoma in situ response to cisplatin-based neoadjuvant chemotherapy, or lack thereof: Impact on patient selection for organ preservation in muscle-invasive disease?. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020 , 38, 850.e1-850.e7	2.8	3
292	Preparation of TiH nanodots by liquid-phase exfoliation for enhanced sonodynamic cancer therapy. <i>Nature Communications</i> , 2020 , 11, 3712	17.4	77
291	Laparoscopic and Robotic-Assisted Partial Nephrectomy: An Overview of Hot Issues. <i>Urologia Internationalis</i> , 2020 , 104, 669-677	1.9	3
290	Recent progress of chemodynamic therapy-induced combination cancer therapy. <i>Nano Today</i> , 2020 , 35, 100946	17.9	140
289	Oxygen-Deficient Bimetallic Oxide FeWO Nanosheets as Peroxidase-Like Nanozyme for Sensing Cancer via Photoacoustic Imaging. <i>Small</i> , 2020 , 16, e2003496	11	29
288	Restraint of Particle Breakage by Biotreatment Method. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2020 , 146, 04020123	3.4	54
287	Is There a Role for Immunotherapy in Prostate Cancer?. <i>Cells</i> , 2020 , 9,	7.9	25
286	Bimetallic Oxide FeWOX Nanosheets as Multifunctional Cascade Bioreactors for Tumor Microenvironment-Modulation and Enhanced Multimodal Cancer Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 2002753	15.6	36
285	Digital pathology and COVID-19 and future crises: pathologists can safely diagnose cases from home using a consumer monitor and a mini PC. <i>Journal of Clinical Pathology</i> , 2020 , 73, 695-696	3.9	11
284	Integrative Analysis of Pathological Images and Multi-Dimensional Genomic Data for Early-Stage Cancer Prognosis. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 99-110	11.7	20
283	Recurrent KRAS mutations in papillary renal neoplasm with reverse polarity. <i>Modern Pathology</i> , 2020 , 33, 1157-1164	9.8	21
282	Re: Lorenzo Marconi, Thomas Stonier, Rafael Tourinho-Barbosa, et al. Robot-assisted Radical Prostatectomy After Focal Therapy: Oncological, Functional Outcomes and Predictors of Recurrence. <i>Eur Urol</i> 2019;76:27-30: Morphologic Documentation from Didactic Cases of Large-format Histology. <i>European Urology</i> , 2020 , 77, e188-e189	10.2	
281	Phase precipitation behavior of a quenched B2 solidifying TiAl alloy with a fully-B2 microstructure during annealing at 800°C. <i>Journal of Alloys and Compounds</i> , 2020 , 812, 152118	5.7	14
280	A new biogrouting method for fine to coarse sand. <i>Acta Geotechnica</i> , 2020 , 15, 1-16	4.9	41
279	Microbially induced calcite precipitation for production of Bio-bricks treated at partial saturation condition. <i>Construction and Building Materials</i> , 2020 , 231, 117095	6.7	23
278	An evaluation of current prostate cancer diagnostic approaches with emphasis on liquid biopsies and prostate cancer. <i>Expert Review of Molecular Diagnostics</i> , 2020 , 20, 207-217	3.8	4

277	Liquid biopsy in the clinical management of bladder cancer: current status and future developments. <i>Expert Review of Molecular Diagnostics</i> , 2020 , 20, 255-264	3.8	9
276	Modifying Methionine on Proteins. <i>ChemBioChem</i> , 2020 , 21, 461-463	3.8	4
275	Selective Inhibitors of AlkB Family of Nucleic Acid Demethylases. <i>Biochemistry</i> , 2020 , 59, 230-239	3.2	10
274	Practical Molecular Testing in a Clinical Genitourinary Service. <i>Archives of Pathology and Laboratory Medicine</i> , 2020 , 144, 277-289	5	3
273	2D Nanomaterials for Cancer Theranostic Applications. <i>Advanced Materials</i> , 2020 , 32, e1902333	24	193
272	Molecular characterization and diagnostic criteria of renal cell carcinoma with emphasis on liquid biopsies. <i>Expert Review of Molecular Diagnostics</i> , 2020 , 20, 141-150	3.8	9
271	Renal cell tumors with an entrapped papillary component: a collision with predilection for oncocytic tumors. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020 , 476, 399-407	5.1	6
270	pT1 high-grade bladder cancer: histologic criteria, pitfalls in the assessment of invasion, and substaging. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020 , 477, 3-16	5.1	5
269	Biocementation of soil using non-sterile enriched urease-producing bacteria from activated sludge. <i>Journal of Cleaner Production</i> , 2020 , 262, 121315	10.3	25
268	Computational analysis of pathological images enables a better diagnosis of TFE3 Xp11.2 translocation renal cell carcinoma. <i>Nature Communications</i> , 2020 , 11, 1778	17.4	18
267	Key Role of Obesity in Genitourinary Tumors with Emphasis on Urothelial and Prostate Cancers. <i>Cancers</i> , 2019 , 11,	6.6	11
266	Effect of Particle Shape on Strength and Stiffness of Biocemented Glass Beads. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019 , 145, 06019016	3.4	62
265	Identification of viscosity and solid fraction in slurry pipeline transportation based on the inverse heat transfer theory. <i>Applied Thermal Engineering</i> , 2019 , 163, 114328	5.8	4
264	Dissecting the molecular landscape of pancreatic cancer: towards a precision medicine approach. <i>Expert Review of Precision Medicine and Drug Development</i> , 2019 , 4, 113-119	1.6	3
263	Dynamic modifications of biomacromolecules: mechanism and chemical interventions. <i>Science China Life Sciences</i> , 2019 , 62, 1459-1471	8.5	6
262	NaCeF:Gd,Tb Scintillator as an X-ray Responsive Photosensitizer for Multimodal Imaging-Guided Synchronous Radio/Radiodynamic Therapy. <i>Nano Letters</i> , 2019 , 19, 8234-8244	11.5	69
261	Digital versus light microscopy assessment of extraprostatic extension in radical prostatectomy samples. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019 , 475, 735-744	5.1	3
260	Microstructural and Geomechanical Study on Biocemented Sand for Optimization of MICP Process. <i>Journal of Materials in Civil Engineering</i> , 2019 , 31, 04019025	3	48

259	Prognostic Role of High-Grade Tumor Budding in Pancreatic Ductal Adenocarcinoma: A Systematic Review and Meta-Analysis with a Focus on Epithelial to Mesenchymal Transition. <i>Cancers</i> , 2019 , 11,	6.6	23
258	Contemporary best practice in the management of urothelial carcinomas of the renal pelvis and ureter. <i>Therapeutic Advances in Urology</i> , 2019 , 11, 1756287218815372	3.2	6
257	Silicon nanowires decorated with gold nanoparticles via in situ reduction for photoacoustic imaging-guided photothermal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4393-4401	7.3	8
256	Clinicopathological characteristics of ypT0N0 urothelial carcinoma following neoadjuvant chemotherapy and cystectomy. <i>Journal of Clinical Pathology</i> , 2019 , 72, 550-553	3.9	2
255	Plasmacytoid/diffuse urothelial carcinoma: a single-institution immunohistochemical and molecular study of 69 patients. <i>Human Pathology</i> , 2019 , 90, 27-36	3.7	15
254	MYB-NFIB gene fusion in prostatic basal cell carcinoma: clinicopathologic correlates and comparison with basal cell adenoma and florid basal cell hyperplasia. <i>Modern Pathology</i> , 2019 , 32, 1666-1674	9.8	4
253	Resistance to Systemic Agents in Renal Cell Carcinoma Predict and Overcome Genomic Strategies Adopted by Tumor. <i>Cancers</i> , 2019 , 11,	6.6	21
252	High-yield synthesis of gold bipyramids for in vivo CT imaging and photothermal cancer therapy with enhanced thermal stability. <i>Chemical Engineering Journal</i> , 2019 , 378, 122025	14.7	16
251	Predicting outcomes in non-muscle invasive (Ta/T1) bladder cancer: the role of molecular grade based on luminal/basal phenotype. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019 , 475, 445-455	5.1	18
250	Expression of miR-100 and miR-138 as prognostic biomarkers in non-muscle-invasive bladder cancer. <i>Apmis</i> , 2019 , 127, 545-553	3.4	10
249	Aberrant ERG expression associates with downregulation of miR-4638-5p and selected genomic alterations in a subset of diffuse large B-cell lymphoma. <i>Molecular Carcinogenesis</i> , 2019 , 58, 1846-1854	5	5
248	Re: Gillian Vandekerkhove, Werner J. Struss, Matti Annala, et al. Circulating Tumor DNA Abundance and Potential Utility in De Novo Metastatic Prostate Cancer. <i>Eur Urol</i> 2019;75:667-75: How Does Circulating DNA Reach the Blood Stream?. <i>European Urology</i> , 2019 , 76, e69-e72	10.2	5
247	LncRNA-p21 alters the antiandrogen enzalutamide-induced prostate cancer neuroendocrine differentiation via modulating the EZH2/STAT3 signaling. <i>Nature Communications</i> , 2019 , 10, 2571	17.4	82
246	Distinct mutational landscape of inverted urothelial papilloma. <i>Journal of Pathology</i> , 2019 , 249, 3-5	9.4	10
245	Activating KRAS mutations in arteriovenous malformations of the brain: frequency and clinicopathologic correlation. <i>Human Pathology</i> , 2019 , 89, 33-39	3.7	26
244	Circulating Tumor Cells in Renal Cell Carcinoma: Recent Findings and Future Challenges. <i>Frontiers in Oncology</i> , 2019 , 9, 228	5.3	14
243	Determining IDH-Mutational Status in Gliomas Using IDH1-R132H Antibody and Polymerase Chain Reaction. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2019 , 27, 722-725	1.9	4
242	Low-grade oncocytic tumour of kidney (CD117-negative, cytokeratin 7-positive): a distinct entity?. <i>Histopathology</i> , 2019 , 75, 174-184	7.3	49

241	Authors' reply to: Absence of the MAP2K5 germline variants c.G961A and c.T1100C in a wide series of familial non-medullary thyroid carcinoma Italian families. International Journal of Cancer 2019; in press. <i>International Journal of Cancer</i> , 2019 , 145, 601-602	7.5	1
240	Energy efficient COD and N-removal from high-strength wastewater by a passively aerated GAO dominated biofilm. <i>Bioresource Technology</i> , 2019 , 283, 148-158	11	16
239	Alternative lengthening of telomeres (ALT) influences survival in soft tissue sarcomas: a systematic review with meta-analysis. <i>BMC Cancer</i> , 2019 , 19, 232	4.8	22
238	Two-Photon Supramolecular Nanoplatfrom for Ratiometric Bioimaging. <i>Analytical Chemistry</i> , 2019 , 91, 6371-6377	7.8	16
237	Seepage control in sand using bioslurry. <i>Construction and Building Materials</i> , 2019 , 212, 342-349	6.7	20
236	Microbiome and Cancers, With Focus on Genitourinary Tumors. <i>Frontiers in Oncology</i> , 2019 , 9, 178	5.3	10
235	Ultrasml Oxygen-Deficient Bimetallic Oxide MnWO Nanoparticles for Depletion of Endogenous GSH and Enhanced Sonodynamic Cancer Therapy. <i>Advanced Materials</i> , 2019 , 31, e1900730	24	232
234	Molecular evidence supporting the precursor nature of atypical adenomatous hyperplasia of the prostate. <i>Molecular Carcinogenesis</i> , 2019 , 58, 1272-1278	5	2
233	Novel Therapeutic Approaches and Targets Currently Under Evaluation for Renal Cell Carcinoma: Waiting for the Revolution. <i>Clinical Drug Investigation</i> , 2019 , 39, 503-519	3.2	23
232	The Human Microbiota and Prostate Cancer: Friend or Foe?. <i>Cancers</i> , 2019 , 11,	6.6	20
231	Fine-needle aspiration cytology of metastatic spindle cell follicular thyroid carcinoma: A case report. <i>Diagnostic Cytopathology</i> , 2019 , 47, 608-611	1.4	0
230	Emerging Molecular Technologies in Renal Cell Carcinoma: Liquid Biopsy. <i>Cancers</i> , 2019 , 11,	6.6	15
229	Whole exome and target sequencing identifies MAP2K5 as novel susceptibility gene for familial non-medullary thyroid carcinoma. <i>International Journal of Cancer</i> , 2019 , 144, 1321-1330	7.5	26
228	A Chemical Photo-Oxidation of 5-Methyl Cytidines. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 4685-4690	9.6	11
227	Liquid Biopsy as Surrogate for Tissue for Molecular Profiling in Pancreatic Cancer: A Meta-Analysis Towards Precision Medicine. <i>Cancers</i> , 2019 , 11,	6.6	25
226	Predicting biochemical recurrence after radical prostatectomy: the role of prognostic grade group and index tumor nodule. <i>Human Pathology</i> , 2019 , 93, 6-15	3.7	2
225	Intelligent protein-coated bismuth sulfide and manganese oxide nanocomposites obtained by biomineralization for multimodal imaging-guided enhanced tumor therapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5170-5181	7.3	17
224	Hollow Cu ₂ Se Nanozymes for Tumor Photothermal-Catalytic Therapy. <i>Chemistry of Materials</i> , 2019 , 31, 6174-6186	9.6	122

223	Biogrouting of Aggregates Using Premixed Injection Method with or without pH Adjustment. <i>Journal of Materials in Civil Engineering</i> , 2019 , 31, 06019008	3	17
222	A label-free colorimetric detection of microRNA via G-quadruplex-based signal quenching strategy. <i>Analytica Chimica Acta</i> , 2019 , 1079, 207-211	6.6	16
221	Multifunctional two-dimensional nanocomposites for photothermal-based combined cancer therapy. <i>Nanoscale</i> , 2019 , 11, 15685-15708	7.7	51
220	Controversial issues in Gleason and International Society of Urological Pathology (ISUP) prostate cancer grading: proposed recommendations for international implementation. <i>Pathology</i> , 2019 , 51, 463-473	1.6	19
219	Visible-Light Facilitated Fluorescence Switch-On Labelling of 5-Formylpyrimidine RNA. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 5406-5411	5.6	6
218	Renal Clearable Ru-based Coordination Polymer Nanodots for Photoacoustic Imaging Guided Cancer Therapy. <i>Theranostics</i> , 2019 , 9, 8266-8276	12.1	14
217	Immunotherapy in renal cell carcinoma from poverty to the spoiled of choice. <i>Immunotherapy</i> , 2019 , 11, 1507-1521	3.8	15
216	Two symmetrical unsaturated acids isolated from <i>Viscum album</i> . <i>Chinese Journal of Natural Medicines</i> , 2019 , 17, 145-148	2.8	
215	Cylindrical illumination with angular coupling for whole-prostate photoacoustic tomography. <i>Biomedical Optics Express</i> , 2019 , 10, 1405-1419	3.5	7
214	Genitourinary Tumors: Update on Molecular Biomarkers for Diagnosis, Prognosis and Prediction of Response to Therapy. <i>Current Drug Metabolism</i> , 2019 , 20, 305-312	3.5	7
213	Extramammary Paget disease of the penis closely mimicking the penile analogue of stratified mucin-producing intraepithelial lesion. <i>Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology</i> , 2019 , 71, 189-190	4.4	1
212	Real-World Data on Cabozantinib in Previously Treated Patients with Metastatic Renal Cell Carcinoma: Focus on Sequences and Prognostic Factors. <i>Cancers</i> , 2019 , 12,	6.6	14
211	Detection of androgen receptor (AR) and AR-V7 in small cell prostate carcinoma: Diagnostic and therapeutic implications. <i>Asian Journal of Urology</i> , 2019 , 6, 109-113	2.7	6
210	Identification of Flavin Mononucleotide as a Cell-Active Artificial N -Methyladenosine RNA Demethylase. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5028-5032	16.4	23
209	A Systematic Review of the Role of Definitive Local Treatment in Patients with Clinically Lymph Node-positive Prostate Cancer. <i>European Urology Oncology</i> , 2019 , 2, 294-301	6.7	13
208	Controllable growth of Au nanostructures onto MoS nanosheets for dual-modal imaging and photothermal-radiation combined therapy. <i>Nanoscale</i> , 2019 , 11, 22788-22795	7.7	11
207	The Role of Obesity in Renal Cell Carcinoma Patients: Clinical-Pathological Implications. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	16
206	Current Progress in CAR-T Cell Therapy for Solid Tumors. <i>International Journal of Biological Sciences</i> , 2019 , 15, 2548-2560	11.2	107

205	Molecular Testing for EGFR Mutations and ALK Rearrangements in the Cytological Specimens From the Patients With Non-Small Cell Lung Cancer. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2019 , 27, 119-124	1.9	6
204	Targeted therapy for solid tumors and risk of hypertension: a meta-analysis of 68077 patients from 93 phase III studies. <i>Expert Review of Cardiovascular Therapy</i> , 2019 , 17, 917-927	2.5	2
203	Papillary Renal Neoplasm With Reverse Polarity: A Morphologic, Immunohistochemical, and Molecular Study. <i>American Journal of Surgical Pathology</i> , 2019 , 43, 1099-1111	6.7	31
202	Detecting and phenotyping of aneuploid circulating tumor cells in patients with various malignancies. <i>Cancer Biology and Therapy</i> , 2019 , 20, 546-551	4.6	18
201	Molecular characterization of testicular germ cell tumors: chasing the underlying pathways. <i>Future Oncology</i> , 2019 , 15, 227-229	3.6	8
200	Amplification of Tumor Oxidative Stresses with Liposomal Fenton Catalyst and Glutathione Inhibitor for Enhanced Cancer Chemotherapy and Radiotherapy. <i>Nano Letters</i> , 2019 , 19, 805-815	11.5	217
199	Staging of bladder cancer. <i>Histopathology</i> , 2019 , 74, 112-134	7.3	62
198	Renal cell carcinoma staging: pitfalls, challenges, and updates. <i>Histopathology</i> , 2019 , 74, 18-30	7.3	33
197	Variants and new entities of bladder cancer. <i>Histopathology</i> , 2019 , 74, 77-96	7.3	64
196	The molecular characterization and therapeutic strategies of papillary renal cell carcinoma. <i>Expert Review of Anticancer Therapy</i> , 2019 , 19, 169-175	3.5	5
195	RAS genes in colorectal carcinoma: pathogenesis, testing guidelines and treatment implications. <i>Journal of Clinical Pathology</i> , 2019 , 72, 135-139	3.9	17
194	Re: Friederike Haidl, David Pfister, Axel Heidenreich. Re: Prostatic Artery Embolization in the Treatment of Localized Prostate Cancer: A Bicentric Prospective Proof-of-Concept Study of 12 Patients. Mordasini L, Hechelhammer L, Diener PA, et al. <i>J Vasc Interv Radiol</i> 2018;29:589-97. <i>Eur Urol</i> 2018; 74:585-6. Conflicting Morphologic Changes in Prostatic Artery Embolization: Treatment and Management	10.2	3
193	Perineural Invasion is a Strong Prognostic Moderator in Ampulla of Vater Carcinoma: A Meta-analysis. <i>Pancreas</i> , 2019 , 48, 70-76	2.6	4
192	Eliciting features of 2D greenwater overtopping of a fixed box using modified dam break models. <i>Applied Ocean Research</i> , 2019 , 84, 74-91	3.4	16
191	Histopathologic challenges: The second OPINION issue. <i>European Journal of Surgical Oncology</i> , 2019 , 45, 12-15	3.6	3
190	Soil bio-cementation using a new one-phase low-pH injection method. <i>Acta Geotechnica</i> , 2019 , 14, 615-626	6.6	63
189	Microbially induced calcite precipitation along a circular flow channel under a constant flow condition. <i>Acta Geotechnica</i> , 2019 , 14, 673-683	4.9	30
188	Detection of driver mutations in BRAF can aid in diagnosis and early treatment of dedifferentiated metastatic melanoma. <i>Modern Pathology</i> , 2019 , 32, 330-337	9.8	12

187	Multifunctional Two-Dimensional Core-Shell MXene@Gold Nanocomposites for Enhanced Photo-Radio Combined Therapy in the Second Biological Window. <i>ACS Nano</i> , 2019 , 13, 284-294	16.7	148
186	Crystallography of phase transformation during quenching from β phase field of a V-rich TiAl alloy. <i>Journal of Materials Science</i> , 2019 , 54, 1844-1856	4.3	4
185	In-situ microbially induced Ca -alginate polymeric sealant for seepage control in porous materials. <i>Microbial Biotechnology</i> , 2019 , 12, 324-333	6.3	12
184	Core-shell TaOx@MnO nanoparticles as a nano-radiosensitizer for effective cancer radiotherapy. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 2250-2257	7.3	30
183	Noninvasive magnetic resonance/photoacoustic imaging for photothermal therapy response monitoring. <i>Nanoscale</i> , 2018 , 10, 5864-5868	7.7	19
182	Re: A Novel Tool for Predicting Extracapsular Extension During Graded Partial Nerve Sparing in Radical Prostatectomy. <i>European Urology</i> , 2018 , 73, 978-980	10.2	1
181	Unclassified hemangioma-like renal cell carcinoma: a potential diagnostic pitfall. <i>Human Pathology</i> , 2018 , 75, 132-136	3.7	4
180	Upconversion Composite Nanoparticles for Tumor Hypoxia Modulation and Enhanced Near-Infrared-Triggered Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 15494-15503	9.5	66
179	Digital versus light microscopy assessment of surgical margin status after radical prostatectomy. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018 , 472, 451-460	5.1	7
178	Next-Generation Sequencing to Detect Deletion of RB1 and ERBB4 Genes in Chromophobe Renal Cell Carcinoma: A Potential Role in Distinguishing Chromophobe Renal Cell Carcinoma from Renal Oncocytoma. <i>American Journal of Pathology</i> , 2018 , 188, 846-852	5.8	15
177	Immune checkpoint inhibitors for metastatic bladder cancer. <i>Cancer Treatment Reviews</i> , 2018 , 64, 11-20	14.4	57
176	Extranodal extension of nodal metastases is a poor prognostic moderator in non-small cell lung cancer: a meta-analysis. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018 , 472, 939-947	5.1	19
175	Inherited forms of bladder cancer: a review of Lynch syndrome and other inherited conditions. <i>Future Oncology</i> , 2018 , 14, 277-290	3.6	14
174	Renal cell carcinoma with angioleiomyoma-like stroma and clear cell papillary renal cell carcinoma: exploring SDHB protein immunohistochemistry and the relationship to tuberous sclerosis complex. <i>Human Pathology</i> , 2018 , 75, 10-15	3.7	12
173	Intratumoural heterogeneity may hinder precision medicine strategies in patients with clear cell renal cell carcinoma. <i>Journal of Clinical Pathology</i> , 2018 , 71, 467-471	3.9	4
172	Enhancing fiber/matrix bonding in polypropylene fiber reinforced cementitious composites by microbially induced calcite precipitation pre-treatment. <i>Cement and Concrete Composites</i> , 2018 , 88, 1-7	8.6	35
171	Reappraisal of Morphologic Differences Between Renal Medullary Carcinoma, Collecting Duct Carcinoma, and Fumarate Hydratase-deficient Renal Cell Carcinoma. <i>American Journal of Surgical Pathology</i> , 2018 , 42, 279-292	6.7	69
170	Use of CD42b immunohistochemical stain for the detection of Histoplasma. <i>Annals of Diagnostic Pathology</i> , 2018 , 32, 47-50	2.2	2

169	Mucinous intrahepatic cholangiocarcinoma: a distinct variant. <i>Human Pathology</i> , 2018 , 78, 131-137	3.7	9
168	Prostate cancer with cribriform morphology: diagnosis, aggressiveness, molecular pathology and possible relationships with intraductal carcinoma. <i>Expert Review of Anticancer Therapy</i> , 2018 , 18, 685-693	3.5	8
167	Iatrogenic pathology of the urinary bladder. <i>Seminars in Diagnostic Pathology</i> , 2018 , 35, 218-227	4.3	9
166	Small-cell Carcinomas of the Urinary Bladder and Prostate: TERT Promoter Mutation Status Differentiates Sites of Malignancy and Provides Evidence of Common Clonality Between Small-cell Carcinoma of the Urinary Bladder and Urothelial Carcinoma. <i>European Urology Focus</i> , 2018 , 4, 880-888	5.1	18
165	Whole Slide Imaging Versus Microscopy for Primary Diagnosis in Surgical Pathology: A Multicenter Blinded Randomized Noninferiority Study of 1992 Cases (Pivotal Study). <i>American Journal of Surgical Pathology</i> , 2018 , 42, 39-52	6.7	189
164	Morphological spectrum of renal cell carcinoma, unclassified: an analysis of 136 cases. <i>Histopathology</i> , 2018 , 72, 305-319	7.3	27
163	Classical gonadoblastoma: its relationship to the 'dissecting' variant and undifferentiated gonadal tissue. <i>Histopathology</i> , 2018 , 72, 545-555	7.3	11
162	Kinetic Diffusion Couple for Mapping Microstructural and Mechanical Data on Ti?Al?Mo Titanium Alloys. <i>Materials</i> , 2018 , 11,	3.5	5
161	Benign vascular tumors, cysts, and pseudocysts of the adrenal gland: a contemporary multi-institutional clinicopathological analysis of 55 cases. <i>Human Pathology</i> , 2018 , 82, 95-102	3.7	7
160	Immunohistochemical characteristics of renomedullary interstitial cell tumor: a study of 41 tumors with emphasis on differential diagnosis of mesenchymal neoplasms. <i>Human Pathology</i> , 2018 , 82, 46-50	3.7	2
159	Protein expression of the transcription factors DMRT1, TCLF5, and OCT4 in selected germ cell neoplasms of the testis. <i>Human Pathology</i> , 2018 , 82, 68-75	3.7	4
158	The Formation and Evolution of Shear Bands in Plane Strain Compressed Nickel-Base Superalloy. <i>Metals</i> , 2018 , 8, 141	2.3	9
157	Exploring Small Extracellular Vesicles for Precision Medicine in Prostate Cancer. <i>Frontiers in Oncology</i> , 2018 , 8, 221	5.3	18
156	Characterization of a New Microstructure in a Solidifying TiAl Alloy after Air-Cooling from a Phase Field and Subsequent Tempering. <i>Metals</i> , 2018 , 8, 156	2.3	11
155	Platinum nanoworms for imaging-guided combined cancer therapy in the second near-infrared window. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 5069-5079	7.3	23
154	PD-1, PD-L1, and CD163 in pancreatic undifferentiated carcinoma with osteoclast-like giant cells: expression patterns and clinical implications. <i>Human Pathology</i> , 2018 , 81, 157-165	3.7	23
153	An ovulating follicle presenting as a testicular mass in a teenage patient with ovotesticular DSD. <i>Urology Case Reports</i> , 2018 , 18, 26-28	0.5	1
152	Bimetallic Oxide MnMoO Nanorods for in Vivo Photoacoustic Imaging of GSH and Tumor-Specific Photothermal Therapy. <i>Nano Letters</i> , 2018 , 18, 6037-6044	11.5	103

151	Biological issues with cabozantinib in bone metastatic renal cell carcinoma and castration-resistant prostate cancer. <i>Future Oncology</i> , 2018 , 14, 2559-2564	3.6	5
150	Near-Infrared-Triggered in Situ Gelation System for Repeatedly Enhanced Photothermal Brachytherapy with a Single Dose. <i>ACS Nano</i> , 2018 , 12, 9412-9422	16.7	72
149	Re: Isabel Rauscher, Charlotte DWel, Bernhard Haller, et al. Efficacy, Predictive Factors, and Prediction Nomograms for Ga-labeled Prostate-specific Membrane Antigen-ligand Positron-emission Tomography/Computed Tomography in Early Biochemical Recurrent Prostate Cancer After Radical Prostatectomy. <i>Eur Urol</i> 2018 ;73:656-61. Clinical Significance of Photoacoustic tomography of intact human prostates and vascular texture analysis identify prostate cancer biopsy targets. <i>Photoacoustics</i> , 2018 , 11, 46-55	10.2	3
148	Photoacoustic tomography of intact human prostates and vascular texture analysis identify prostate cancer biopsy targets. <i>Photoacoustics</i> , 2018 , 11, 46-55	9	11
147	Micropapillary urothelial carcinoma: evaluation of HER2 status and immunohistochemical characterization of the molecular subtype. <i>Human Pathology</i> , 2018 , 80, 55-64	3.7	22
146	Adjuvant and neoadjuvant approaches for urothelial cancer: Updated indications and controversies. <i>Cancer Treatment Reviews</i> , 2018 , 68, 80-85	14.4	18
145	Challenges in Pathologic Staging of Renal Cell Carcinoma: A Study of Interobserver Variability Among Urologic Pathologists. <i>American Journal of Surgical Pathology</i> , 2018 , 42, 1253-1261	6.7	15
144	Biomarkers of aggressiveness in genitourinary tumors with emphasis on kidney, bladder, and prostate cancer. <i>Expert Review of Molecular Diagnostics</i> , 2018 , 18, 645-655	3.8	13
143	Albumin-Assisted Synthesis of Ultrasmall FeS Nanodots for Imaging-Guided Photothermal Enhanced Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 332-340	9.5	49
142	Vasitis nodosa and related lesions: a modern immunohistochemical staining profile with special emphasis on novel diagnostic dilemmas. <i>Human Pathology</i> , 2018 , 73, 164-170	3.7	2
141	Molecular testing for BRAF mutations to inform melanoma treatment decisions: a move toward precision medicine. <i>Modern Pathology</i> , 2018 , 31, 24-38	9.8	206
140	Manganese Dioxide Coated WS @Fe O /sSiO Nanocomposites for pH-Responsive MR Imaging and Oxygen-Elevated Synergetic Therapy. <i>Small</i> , 2018 , 14, 1702664	11	87
139	Prognostic value of programmed death ligand 1, p53, and Ki-67 in patients with advanced-stage colorectal cancer. <i>Human Pathology</i> , 2018 , 71, 20-29	3.7	24
138	PTEN Expression in Mucinous Prostatic Adenocarcinoma, Prostatic Adenocarcinoma With Mucinous Features, and Adjacent Conventional Prostatic Adenocarcinoma: A Multi-institutional Study of 92 Cases. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2018 , 26, 225-230	1.9	2
137	Identification of thienopyridine carboxamides as selective binders of HIV-1 trans Activation Response (TAR) and Rev Response Element (RRE) RNAs. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 9191-9196	3.9	10
136	Alkaline Phosphatase-Triggered Self-Assembly of Near-Infrared Nanoparticles for the Enhanced Photoacoustic Imaging of Tumors. <i>Nano Letters</i> , 2018 , 18, 7749-7754	11.5	100
135	Upper urinary tract urothelial carcinoma and its variants: transition from morphology to personalized molecular characterization in diagnosis, prognosis, and therapy. <i>Expert Review of Molecular Diagnostics</i> , 2018 , 18, 1021-1028	3.8	6
134	The Identification of Immunological Biomarkers in Kidney Cancers. <i>Frontiers in Oncology</i> , 2018 , 8, 456	5.3	32

133	Proof of concept of wastewater treatment via passive aeration SND using a novel zeolite amended biofilm reactor. <i>Water Science and Technology</i> , 2018 , 78, 2204-2213	2.2	7
132	Emerging Prognostic Biomarkers in Testicular Germ Cell Tumors: Looking Beyond Established Practice. <i>Frontiers in Oncology</i> , 2018 , 8, 571	5.3	12
131	Testicular cancer. <i>Nature Reviews Disease Primers</i> , 2018 , 4, 29	51.1	164
130	Clues to recognition of fumarate hydratase-deficient renal cell carcinoma: Findings from cytologic and limited biopsy samples. <i>Cancer Cytopathology</i> , 2018 , 126, 992-1002	3.9	6
129	Fabrication of Multifoliate PtRu Bimetallic Nanocomplexes for Computed Tomography Imaging and Enhanced Synergistic Thermoradiotherapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 31106-31113	9.5	26
128	Cyclic hydrostatic pressure promotes uroplakin expression in human urothelial cells through activation of ERK1/2 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 503, 2499-2503	3.4	2
127	Myeloid-derived suppressor cells inhibit T cell activation through nitrating LCK in mouse cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 10094-10099	11.5	66
126	Emerging immunotherapeutic strategies targeting telomerases in genitourinary tumors. <i>Critical Reviews in Oncology/Hematology</i> , 2018 , 131, 1-6	7	5
125	Deformation Behavior of a Solidifying TiAl Alloy within Phase Field and Its Effect on the Transformation. <i>Metals</i> , 2018 , 8, 605	2.3	3
124	Prostate cancer grading in 2018: limitations, implementations, cribriform morphology, and biological markers. <i>International Journal of Biological Markers</i> , 2018 , 33, 331-334	2.8	5
123	Physiological stretch induced proliferation of human urothelial cells via integrin β -FAK signaling pathway. <i>Neurourology and Urodynamics</i> , 2018 , 37, 2114-2120	2.3	5
122	Update on histopathological evaluation of lymphadenectomy specimens from prostate cancer patients. <i>World Journal of Urology</i> , 2017 , 35, 517-526	4	9
121	Prognostic Effect of Carcinoma In Situ in Muscle-invasive Urothelial Carcinoma Patients Receiving Neoadjuvant Chemotherapy. <i>Clinical Genitourinary Cancer</i> , 2017 , 15, 479-486	3.3	4
120	Unclassified Renal Cell Carcinoma With Significant Response to Nivolumab. <i>Clinical Genitourinary Cancer</i> , 2017 , 15, e517-e519	3.3	4
119	TERT Promoter Mutations Occur Frequently in Urothelial Papilloma and Papillary Urothelial Neoplasm of Low Malignant Potential. <i>European Urology</i> , 2017 , 71, 497-498	10.2	23
118	TERT promoter mutation status in sarcomatoid urothelial carcinomas of the upper urinary tract. <i>Future Oncology</i> , 2017 , 13, 705-714	3.6	18
117	TMPRSS2-ERG Fusion in an Uncommon Presentation of Prostate Cancer. <i>Clinical Genitourinary Cancer</i> , 2017 , 15, e489-e491	3.3	
116	Tp53 and its potential therapeutic role as a target in bladder cancer. <i>Expert Opinion on Therapeutic Targets</i> , 2017 , 21, 401-414	6.4	24

115	Chelator-Free Radiolabeling of Nanographene: Breaking the Stereotype of Chelation. <i>Angewandte Chemie</i> , 2017 , 129, 2935-2938	3.6	9
114	Activity of chemokines in prostate and renal tumors and their potential role as future therapeutic targets. <i>Future Oncology</i> , 2017 , 13, 1105-1114	3.6	4
113	Solitary fibrous tumour of the genitourinary tract: a clinicopathological study of 11 cases and their association with the - fusion gene. <i>Journal of Clinical Pathology</i> , 2017 , 70, 508-514	3.9	13
112	Perspectives on testicular sex cord-stromal tumors and those composed of both germ cells and sex cord-stromal derivatives with a comparison to corresponding ovarian neoplasms. <i>Human Pathology</i> , 2017 , 65, 1-14	3.7	15
111	Lymphoepithelioma-like carcinoma of the upper urinary tract. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017 , 470, 703-709	5.1	20
110	Primary Cystic Trophoblastic Tumor of the Testis: A Study of 14 Cases. <i>American Journal of Surgical Pathology</i> , 2017 , 41, 788-794	6.7	9
109	Fluorescence hybridization in surgical pathology: principles and applications. <i>Journal of Pathology: Clinical Research</i> , 2017 , 3, 73-99	5.3	22
108	Renal cell carcinoma with TFE3 translocation and succinate dehydrogenase B mutation. <i>Modern Pathology</i> , 2017 , 30, 407-415	9.8	24
107	Bottom-Up Preparation of Uniform Ultrathin Rhenium Disulfide Nanosheets for Image-Guided Photothermal Radiotherapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1700250	15.6	80
106	Extranodal extension of lymph node metastasis influences recurrence in prostate cancer: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2017 , 7, 2374	4.9	19
105	Emerging Nanotechnology and Advanced Materials for Cancer Radiation Therapy. <i>Advanced Materials</i> , 2017 , 29, 1700996	24	336
104	Re: Umberto Leone Roberti Maggiore, Simone Ferrero, Massimo Candiani, et al. Bladder Endometriosis: A Systematic Review of Pathogenesis, Diagnosis, Treatment, Impact on Fertility, and Risk of Malignant Transformation. <i>Eur Urol</i> 2017;71:790-807. <i>European Urology</i> , 2017 , 72, e139-e141	10.2	1
103	Pathology and molecular updates in tumors of the prostate: towards a personalized approach. <i>Expert Review of Molecular Diagnostics</i> , 2017 , 17, 781-789	3.8	7
102	Diagnostic utility of IDH1/2 mutations to distinguish dedifferentiated chondrosarcoma from undifferentiated pleomorphic sarcoma of bone. <i>Human Pathology</i> , 2017 , 65, 239-246	3.7	31
101	Understanding the Genetic Landscape of Small Cell Carcinoma of the Urinary Bladder and Implications for Diagnosis, Prognosis, and Treatment: A Review. <i>JAMA Oncology</i> , 2017 , 3, 1570-1578	13.4	23
100	A contemporary series of renal masses with emphasis on recently recognized entities and tumors of low malignant potential: A report based on 624 consecutive tumors from a single tertiary center. <i>Pathology Research and Practice</i> , 2017 , 213, 804-808	3.4	7
99	Re: Kenneth A. Iczkowski's Letter to the Editor re: Rodolfo Montironi, Silvia Gasparrini, Roberta Mazzucchelli, et al's Letter to the Editor re: Karim A. Touijer, James A. Eastham. The Sentinel Lymph Node Concept and Novel Approaches in Detecting Lymph Node Metastasis in Prostate Cancer. <i>Eur Urol</i> 2016;70:738-9. Sentinel Lymph Nodes in Adipose Tissue Surrounding the Prostate Gland and Diagnostic criteria for oncocytic renal neoplasms: a survey of urologic pathologists. <i>Human Pathology</i> , 2017 , 63, 149-156. 37-e38	10.2	2
98		3.7	57

97	Theranostic Liposomes with Hypoxia-Activated Prodrug to Effectively Destruct Hypoxic Tumors Post-Photodynamic Therapy. <i>ACS Nano</i> , 2017 , 11, 927-937	16.7	281
96	A Phase II Trial of Dovitinib in BCG-Unresponsive Urothelial Carcinoma with Mutations or Overexpression: Hoosier Cancer Research Network Trial HCRN 12-157. <i>Clinical Cancer Research</i> , 2017 , 23, 3003-3011	12.9	44
95	Drug-Loaded Mesoporous Tantalum Oxide Nanoparticles for Enhanced Synergetic Chemoradiotherapy with Reduced Systemic Toxicity. <i>Small</i> , 2017 , 13, 1602869	11	48
94	Activity and Functions of Tumor-associated Macrophages in Prostate Carcinogenesis. <i>European Urology Supplements</i> , 2017 , 16, 301-308	0.9	4
93	Reply to Chou et al 'Do significant TFE3 gene rearrangements occur in succinate dehydrogenase deficient renal cell carcinoma? Borderline FISH results should be interpreted with caution' <i>Mod Pathol</i> 2017; in press. <i>Modern Pathology</i> , 2017 , 30, 1509-1511	9.8	4
92	Variants and Variations in Epithelial Renal Cell Tumors in Adults: The Pathologist's Point of View. <i>European Urology Supplements</i> , 2017 , 16, 232-240	0.9	2
91	Morphologic Variants of Epithelial and Neuroendocrine Tumors of the Prostate. The Pathologist's Point of View. <i>European Urology Supplements</i> , 2017 , 16, 223-231	0.9	3
90	Variants of Bladder Cancer: The Pathologist's Point of View. <i>European Urology Supplements</i> , 2017 , 16, 210-222	0.9	11
89	Complexity of the genomic landscape of renal cell carcinoma: Implications for targeted therapy and precision immuno-oncology. <i>Critical Reviews in Oncology/Hematology</i> , 2017 , 119, 23-28	7	12
88	Oligometastases in Genitourinary Tumors: Recent Insights and Future Molecular Diagnostic Approach. <i>European Urology Supplements</i> , 2017 , 16, 309-315	0.9	7
87	In reply to: letter to the editor entitled: primary pure lymphoepithelioma-like carcinoma of the ureter. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017 , 471, 561-562	5.1	
86	Renal-Clearable Ultrasmall Coordination Polymer Nanodots for Chelator-Free Cu-Labeling and Imaging-Guided Enhanced Radiotherapy of Cancer. <i>ACS Nano</i> , 2017 , 11, 9103-9111	16.7	62
85	Visible-light-mediated oxidative demethylation of N-methyl adenines. <i>Chemical Communications</i> , 2017 , 53, 10734-10737	5.8	28
84	Müllerian Adenosarcoma of the Urinary Bladder: Clinicopathologic and Immunohistochemical Features With Novel Genetic Aberrations. <i>Clinical Genitourinary Cancer</i> , 2017 , 15, e1007-e1014	3.3	3
83	Ultra-small iron-gallic acid coordination polymer nanoparticles for chelator-free labeling of Cu and multimodal imaging-guided photothermal therapy. <i>Nanoscale</i> , 2017 , 9, 12609-12617	7.7	77
82	Preservation of truncal genomic alterations in clear cell and papillary renal cell carcinomas with sarcomatoid features: An intra- and intertumoral, multifocal fluorescence in situ hybridization analysis reveals limited genetic heterogeneity. <i>Molecular Carcinogenesis</i> , 2017 , 56, 2527-2537	5	4
81	Concomitant bladder cancer and prostate cancer: challenges and controversies. <i>Nature Reviews Urology</i> , 2017 , 14, 620-629	5.5	10
80	Degradable Vanadium Disulfide Nanostructures with Unique Optical and Magnetic Functions for Cancer Theranostics. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12991-12996	16.4	95

79	Degradable Vanadium Disulfide Nanostructures with Unique Optical and Magnetic Functions for Cancer Theranostics. <i>Angewandte Chemie</i> , 2017 , 129, 13171-13176	3.6	33
78	Chelator-Free Labeling of Metal Oxide Nanostructures with Zirconium-89 for Positron Emission Tomography Imaging. <i>ACS Nano</i> , 2017 , 11, 12193-12201	16.7	27
77	Whole Slide Imaging of Large Format Histology in Prostate Pathology: Potential for Information Fusion. <i>Archives of Pathology and Laboratory Medicine</i> , 2017 , 141, 1460-1461	5	9
76	Testicular cancer: The usage of central review for pathology diagnosis of orchiectomy specimens. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2017 , 35, 605.e9-605.e16	2.8	9
75	Primary Choriocarcinoma of the Bladder: A Case Report and Review of Literature. <i>Clinical Genitourinary Cancer</i> , 2017 , 15, 188-191	3.3	10
74	Surface Percolation for Soil Improvement by Biocementation Utilizing In Situ Enriched Indigenous Aerobic and Anaerobic Ureolytic Soil Microorganisms. <i>Geomicrobiology Journal</i> , 2017 , 34, 546-556	2.5	27
73	Influence of Key Environmental Conditions on Microbially Induced Cementation for Soil Stabilization. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2017 , 143, 04016083	3.4	129
72	TMPRSS2-ERG gene fusion is rare compared to PTEN deletions in stage T1a prostate cancer. <i>Molecular Carcinogenesis</i> , 2017 , 56, 814-820	5	5
71	State-of-the-Art Review of Biocementation by Microbially Induced Calcite Precipitation (MICP) for Soil Stabilization. <i>Geomicrobiology Journal</i> , 2017 , 34, 524-537	2.5	186
70	In Vivo Long-Term Biodistribution, Excretion, and Toxicology of PEGylated Transition-Metal Dichalcogenides MS (M = Mo, W, Ti) Nanosheets. <i>Advanced Science</i> , 2017 , 4, 1600160	13.6	147
69	Effect of β 2 phase on cavitation behavior during superplastic deformation of TiAl alloys. <i>Journal of Alloys and Compounds</i> , 2017 , 693, 749-759	5.7	20
68	Long Non-coding RNAs in Prostate Cancer with Emphasis on Second Chromosome Locus Associated with Prostate-1 Expression. <i>Frontiers in Oncology</i> , 2017 , 7, 305	5.3	17
67	Contemporary grading of prostate cancer: 2017 update for pathologists and clinicians. <i>Asian Journal of Andrology</i> , 2017 ,	2.8	1
66	Renal-Clearable PEGylated Porphyrin Nanoparticles for Image-guided Photodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1702928	15.6	90
65	Ultra-small MoS ₂ nanodots with rapid body clearance for photothermal cancer therapy. <i>Nano Research</i> , 2016 , 9, 3003-3017	10	109
64	Rhenium-188 Labeled Tungsten Disulfide Nanoflakes for Self-Sensitized, Near-Infrared Enhanced Radioisotope Therapy. <i>Small</i> , 2016 , 12, 3967-75	11	45
63	Organic-Base-Driven Intercalation and Delamination for the Production of Functionalized Titanium Carbide Nanosheets with Superior Photothermal Therapeutic Performance. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14569-14574	16.4	295
62	FeSe-Decorated BiSe Nanosheets Fabricated via Cation Exchange for Chelator-Free Cu-labeling and Multimodal Image-Guided Photothermal-Radiation Therapy. <i>Advanced Functional Materials</i> , 2016 , 26, 2185-2197	15.6	193

61	Perfluorocarbon-Loaded Hollow Bi ₂ Se ₃ Nanoparticles for Timely Supply of Oxygen under Near-Infrared Light to Enhance the Radiotherapy of Cancer. <i>Advanced Materials</i> , 2016 , 28, 2716-23	24	416
60	Cancer Therapy: Perfluorocarbon-Loaded Hollow Bi ₂ Se ₃ Nanoparticles for Timely Supply of Oxygen under Near-Infrared Light to Enhance the Radiotherapy of Cancer (Adv. Mater. 14/2016). <i>Advanced Materials</i> , 2016 , 28, 2654-2654	24	10
59	Degradable Molybdenum Oxide Nanosheets with Rapid Clearance and Efficient Tumor Homing Capabilities as a Therapeutic Nanoplatfom. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2122-6	16.4	212
58	Superplastic deformation mechanisms of high Nb containing TiAl alloy with (α+β) microstructure. <i>Intermetallics</i> , 2016 , 75, 62-71	3.5	37
57	Automatic online buffer capacity (alkalinity) measurement of wastewater using an electrochemical cell. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 2467-72	2.6	4
56	Quantum dot-NanoLuc bioluminescence resonance energy transfer enables tumor imaging and lymph node mapping in vivo. <i>Chemical Communications</i> , 2016 , 52, 6997-7000	5.8	42
55	Urease active bioslurry: a novel soil improvement approach based on microbially induced carbonate precipitation. <i>Canadian Geotechnical Journal</i> , 2016 , 53, 1376-1385	3.2	49
54	Facile Preparation of Multifunctional WS ₂ /WO ₃ Nanodots for Chelator-Free Zr-Labeling and In Vivo PET Imaging. <i>Small</i> , 2016 , 12, 5750-5758	11	27
53	All-in-One Theranostic Nanoplatfom Based on Hollow TaOx for Chelator-Free Labeling Imaging, Drug Delivery, and Synergistically Enhanced Radiotherapy. <i>Advanced Functional Materials</i> , 2016 , 26, 8243-8254	15.6	72
52	General features of high temperature deformation kinetics for TiAl-based alloys with DP/NG microstructures: Part I. A survey of mechanical data and development of unified rate-equations. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016 , 678, 389-401	5.3	16
51	Dual-Modality Positron Emission Tomography/Optical Image-Guided Photodynamic Cancer Therapy with Chlorin e6-Containing Nanomicelles. <i>ACS Nano</i> , 2016 , 10, 7721-30	16.7	79
50	Two-dimensional TiSi ₂ Nanosheets for in vivo photoacoustic imaging and photothermal cancer therapy. <i>Nanoscale</i> , 2015 , 7, 6380-7	7.7	165
49	Simultaneous isolation and detection of circulating tumor cells with a microfluidic silicon-nanowire-array integrated with magnetic upconversion nanoprobos. <i>Biomaterials</i> , 2015 , 54, 55-62	15.6	89
48	Effect of hot-forging on beta phase transformation of a high niobium containing titanium aluminide alloy. <i>International Journal of Modern Physics B</i> , 2015 , 29, 1540009	1.1	0
47	Evidence for tunneling in base-catalyzed isomerization of glyceraldehyde to dihydroxyacetone by hydride shift under formose conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4218-20	11.5	26
46	Microbial fuel cell biosensor for rapid assessment of assimilable organic carbon under marine conditions. <i>Water Research</i> , 2015 , 77, 64-71	12.5	32
45	Bottom-Up Synthesis of Metal-Ion-Doped WS ₂ Nanoflakes for Cancer Theranostics. <i>ACS Nano</i> , 2015 , 9, 11090-101	16.7	226
44	Hot forging design and microstructure evolution of a high Nb containing TiAl alloy. <i>Intermetallics</i> , 2015 , 58, 7-14	3.5	50

43	FeS nanoplates as a multifunctional nano-theranostic for magnetic resonance imaging guided photothermal therapy. <i>Biomaterials</i> , 2015 , 38, 1-9	15.6	138
42	Core-Shell MnSe@Bi ₂ Se ₃ Fabricated via a Cation Exchange Method as Novel Nanotheranostics for Multimodal Imaging and Synergistic Thermoradiotherapy. <i>Advanced Materials</i> , 2015 , 27, 6110-7	24	289
41	Two-dimensional magnetic WS ₂ @Fe ₃ O ₄ nanocomposite with mesoporous silica coating for drug delivery and imaging-guided therapy of cancer. <i>Biomaterials</i> , 2015 , 60, 62-71	15.6	226
40	In-line deoxygenation for organic carbon detections in seawater using a marine microbial fuel cell-biosensor. <i>Bioresource Technology</i> , 2015 , 182, 34-40	11	19
39	Iron oxide decorated MoS ₂ nanosheets with double PEGylation for chelator-free radiolabeling and multimodal imaging guided photothermal therapy. <i>ACS Nano</i> , 2015 , 9, 950-60	16.7	406
38	Drug delivery with PEGylated MoS ₂ nano-sheets for combined photothermal and chemotherapy of cancer. <i>Advanced Materials</i> , 2014 , 26, 3433-40	24	919
37	PEGylated WS(2) nanosheets as a multifunctional theranostic agent for in vivo dual-modal CT/photoacoustic imaging guided photothermal therapy. <i>Advanced Materials</i> , 2014 , 26, 1886-93	24	899
36	Static recrystallization simulations by coupling cellular automata and crystal plasticity finite element method using a physically based model for nucleation. <i>Journal of Materials Science</i> , 2014 , 49, 3253-3267	4.3	36
35	Ultra-Small Iron Oxide Doped Polypyrrole Nanoparticles for In Vivo Multimodal Imaging Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2014 , 24, 1194-1201	15.6	226
34	Upscaling Effects of Soil Improvement by Microbially Induced Calcite Precipitation by Surface Percolation. <i>Geomicrobiology Journal</i> , 2014 , 31, 396-406	2.5	99
33	Aptamer-conjugated upconversion nanoprobe assisted by magnetic separation for effective isolation and sensitive detection of circulating tumor cells. <i>Nano Research</i> , 2014 , 7, 1327-1336	10	59
32	Graphene-based nanocomposite as an effective, multifunctional, and recyclable antibacterial agent. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 8542-8	9.5	153
31	Engineering of Multifunctional Nano-Micelles for Combined Photothermal and Photodynamic Therapy Under the Guidance of Multimodal Imaging. <i>Advanced Functional Materials</i> , 2014 , 24, 6492-6502	15.6	216
30	Functional nanomaterials for phototherapies of cancer. <i>Chemical Reviews</i> , 2014 , 114, 10869-939	68.1	1771
29	Deoxypolypeptides bind and cleave RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7920-4	11.5	12
28	Flow characteristics and constitutive modeling for elevated temperature deformation of a high Nb containing TiAl alloy. <i>Intermetallics</i> , 2014 , 49, 23-28	3.5	50
27	J-aggregates of organic dye molecules complexed with iron oxide nanoparticles for imaging-guided photothermal therapy under 915-nm light. <i>Small</i> , 2014 , 10, 4362-70	11	74
26	Detection of low concentration of assimilable organic carbon in seawater prior to reverse osmosis membrane using microbial electrolysis cell biosensor. <i>Desalination and Water Treatment</i> , 2014 , 1-6		7

25	Hexacyanoferrate-adapted biofilm enables the development of a microbial fuel cell biosensor to detect trace levels of assimilable organic carbon (AOC) in oxygenated seawater. <i>Biotechnology and Bioengineering</i> , 2014 , 111, 2412-20	4.9	18
24	Deformation behavior of hot-rolled IN718 superalloy under plane strain compression at elevated temperature. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014 , 606, 24-30	5.3	54
23	Cementation of sand soil by microbially induced calcite precipitation at various degrees of saturation. <i>Canadian Geotechnical Journal</i> , 2013 , 50, 81-90	3.2	340
22	Selective enrichment and production of highly urease active bacteria by non-sterile (open) chemostat culture. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013 , 40, 1095-104	4.2	48
21	Deformation and dynamic recrystallization behavior of a high Nb containing TiAl alloy. <i>Journal of Alloys and Compounds</i> , 2013 , 552, 363-369	5.7	105
20	Upconversion nanoparticles and their composite nanostructures for biomedical imaging and cancer therapy. <i>Nanoscale</i> , 2013 , 5, 23-37	7.7	303
19	PEGylated Micelle Nanoparticles Encapsulating a Non-Fluorescent Near-Infrared Organic Dye as a Safe and Highly-Effective Photothermal Agent for In Vivo Cancer Therapy. <i>Advanced Functional Materials</i> , 2013 , 23, 5893-5902	15.6	212
18	Graphene oxide-silver nanocomposite as a highly effective antibacterial agent with species-specific mechanisms. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 3867-74	9.5	348
17	Characteristics of metadynamic recrystallization of a high Nb containing TiAl alloy. <i>Materials Letters</i> , 2013 , 92, 430-432	3.3	22
16	Multifunctional nanoparticles for upconversion luminescence/MR multimodal imaging and magnetically targeted photothermal therapy. <i>Biomaterials</i> , 2012 , 33, 2215-22	15.6	323
15	Multimodal imaging guided photothermal therapy using functionalized graphene nanosheets anchored with magnetic nanoparticles. <i>Advanced Materials</i> , 2012 , 24, 1868-72	24	785
14	In situ soil cementation with ureolytic bacteria by surface percolation. <i>Ecological Engineering</i> , 2012 , 42, 64-72	3.9	175
13	In vitro and in vivo near-infrared photothermal therapy of cancer using polypyrrole organic nanoparticles. <i>Advanced Materials</i> , 2012 , 24, 5586-92	24	607
12	Noble metal coated single-walled carbon nanotubes for applications in surface enhanced Raman scattering imaging and photothermal therapy. <i>Journal of the American Chemical Society</i> , 2012 , 134, 7414-22	16.4	391
11	Organic stealth nanoparticles for highly effective in vivo near-infrared photothermal therapy of cancer. <i>ACS Nano</i> , 2012 , 6, 5605-13	16.7	371
10	Binding and biomimetic cleavage of the RNA poly(U) by synthetic polyimidazoles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 12884-7	11.5	24
9	Drug delivery with upconversion nanoparticles for multi-functional targeted cancer cell imaging and therapy. <i>Biomaterials</i> , 2011 , 32, 1110-20	15.6	548
8	Facile Preparation of Multifunctional Upconversion Nanoprobes for Multimodal Imaging and Dual-Targeted Photothermal Therapy. <i>Angewandte Chemie</i> , 2011 , 123, 7523-7528	3.6	172

7	Facile preparation of multifunctional upconversion nanoprobes for multimodal imaging and dual-targeted photothermal therapy. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7385-90	16.4	526
6	A laboratory investigation of microbe-inducing CdCO ₃ precipitate treatment in Cd ²⁺ contaminated soil. <i>Journal of Soils and Sediments</i> , 2010 , 10, 248-254	3.4	13
5	Theory of Microbial Carbonate Precipitation and Its Application in Restoration of Cement-based Materials Defects. <i>Chinese Journal of Chemistry</i> , 2010 , 28, 847-857	4.9	46
4	Enantioselective organocatalytic anti-Mannich-type reaction of N-unprotected 3-substituted 2-oxindoles with aromatic N-Ts-aldimines. <i>Journal of Organic Chemistry</i> , 2009 , 74, 4650-3	4.2	109
3	Highly enantioselective and organocatalytic alpha-amination of 2-oxindoles. <i>Organic Letters</i> , 2009 , 11, 3874-7	6.2	182
2	Natural product curcumin-based coordination nanoparticles for treating osteoarthritis via targeting Nrf2 and blocking NLRP3 inflammasome. <i>Nano Research</i> , 1	10	2
1	In situ biomass flocculation improves placement of <i>Sporosarcina Pasteurii</i> for microbially mediated sandy soil stabilization. <i>Acta Geotechnica</i> , 1	4.9	0