

Liang Cheng

List of Publications by Citations

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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	Functional nanomaterials for phototherapies of cancer. <i>Chemical Reviews</i> , 2014 , 114, 10869-939	68.1	1771
437	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
436	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
435	Multimodal imaging guided photothermal therapy using functionalized graphene nanosheets anchored with magnetic nanoparticles. <i>Advanced Materials</i> , 2012 , 24, 1868-72	24	785
434	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
433	Drug delivery with upconversion nanoparticles for multi-functional targeted cancer cell imaging and therapy. <i>Biomaterials</i> , 2011 , 32, 1110-20	15.6	548
432	Facile preparation of multifunctional upconversion nanoprobe for multimodal imaging and dual-targeted photothermal therapy. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7385-90	16.4	526
431	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
430	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
429	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
428	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
427	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
426	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
425	Emerging Nanotechnology and Advanced Materials for Cancer Radiation Therapy. <i>Advanced Materials</i> , 2017 , 29, 1700996	24	336
424	Multifunctional nanoparticles for upconversion luminescence/MR multimodal imaging and magnetically targeted photothermal therapy. <i>Biomaterials</i> , 2012 , 33, 2215-22	15.6	323
423	Upconversion nanoparticles and their composite nanostructures for biomedical imaging and cancer therapy. <i>Nanoscale</i> , 2013 , 5, 23-37	7.7	303
422	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

4 ²¹	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
4 ²⁰	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
4 ¹⁹	Ultrasmall 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
4 ¹⁸	Bottom-Up Synthesis of Metal-Ion-Doped WS ₂ Nanoflakes for Cancer Theranostics. <i>ACS Nano</i> , 2015 , 9, 11090-101	16.7	226
4 ¹⁷	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
4 ¹⁶	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
4 ¹⁵	Multifunctional sonosensitizers in sonodynamic cancer therapy. <i>Chemical Society Reviews</i> , 2020 , 49, 3244-3261	15.6	220
4 ¹⁴	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
4 ¹³	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
4 ¹²	Degradable Molybdenum Oxide Nanosheets with Rapid Clearance and Efficient Tumor Homing Capabilities as a Therapeutic Nanoplatform. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2122-6	16.4	212
4 ¹¹	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
4 ¹⁰	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
4 ⁰⁹	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
4 ⁰⁸	2D Nanomaterials for Cancer Theranostic Applications. <i>Advanced Materials</i> , 2020 , 32, e1902333	24	193
4 ⁰⁷	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
4 ⁰⁶	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
4 ⁰⁵	GSH-Depleted PtCu ₃ Nanocages for Chemodynamic- Enhanced Sonodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 1907954	15.6	184
4 ⁰⁴	Highly enantioselective and organocatalytic alpha-amination of 2-oxindoles. <i>Organic Letters</i> , 2009 , 11, 3874-7	6.2	182

403	In situ soil cementation with ureolytic bacteria by surface percolation. <i>Ecological Engineering</i> , 2012 , 42, 64-72	3.9	175
402	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
401	Two-dimensional TiS ₂ Nanosheets for in vivo photoacoustic imaging and photothermal cancer therapy. <i>Nanoscale</i> , 2015 , 7, 6380-7	7.7	165
400	Testicular cancer. <i>Nature Reviews Disease Primers</i> , 2018 , 4, 29	51.1	164
399	Graphene-based nanocomposite as an effective, multifunctional, and recyclable antibacterial agent. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 8542-8	9.5	153
398	Ultrafine Titanium Monoxide (TiO) Nanorods for Enhanced Sonodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6527-6537	16.4	151
397	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
396	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
395	Recent progress of chemodynamic therapy-induced combination cancer therapy. <i>Nano Today</i> , 2020 , 35, 100946	17.9	140
394	FeS nanoplates as a multifunctional nano-theranostic for magnetic resonance imaging guided photothermal therapy. <i>Biomaterials</i> , 2015 , 38, 1-9	15.6	138
393	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
392	Hollow Cu ₂ Se Nanozymes for Tumor Photothermal-Catalytic Therapy. <i>Chemistry of Materials</i> , 2019 , 31, 6174-6186	9.6	122
391	Tumor microenvironment-responsive intelligent nanoplatfoms for cancer theranostics. <i>Nano Today</i> , 2020 , 32, 100851	17.9	118
390	Ultra-small MoS ₂ nanodots with rapid body clearance for photothermal cancer therapy. <i>Nano Research</i> , 2016 , 9, 3003-3017	10	109
389	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
388	Current Progress in CAR-T Cell Therapy for Solid Tumors. <i>International Journal of Biological Sciences</i> , 2019 , 15, 2548-2560	11.2	107
387	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
386	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

385	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
384	Upscaling Effects of Soil Improvement by Microbially Induced Calcite Precipitation by Surface Percolation. <i>Geomicrobiology Journal</i> , 2014 , 31, 396-406	2.5	99
383	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
382	Renal-Clearable PEGylated Porphyrin Nanoparticles for Image-guided Photodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1702928	15.6	90
381	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
380	Manganese Dioxide Coated WS ₂ @Fe ₃ O ₄ /SiO ₂ Nanocomposites for pH-Responsive MR Imaging and Oxygen-Elevated Synergetic Therapy. <i>Small</i> , 2018 , 14, 1702664	11	87
379	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
378	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
377	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
376	Newly developed strategies for improving sonodynamic therapy. <i>Materials Horizons</i> , 2020 , 7, 2028-2046	14.4	77
375	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
374	Preparation of TiH nanodots by liquid-phase exfoliation for enhanced sonodynamic cancer therapy. <i>Nature Communications</i> , 2020 , 11, 3712	17.4	77
373	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
372	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
371	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
370	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
369	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
368	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

- 367 Upconversion Composite Nanoparticles for Tumor Hypoxia Modulation and Enhanced Near-Infrared-Triggered Photodynamic Therapy. *ACS Applied Materials & Interfaces*, **2018**, 10, 15494-15503 9.5 66
- 366 Ultrasmall Iron-Doped Titanium Oxide Nanodots for Enhanced Sonodynamic and Chemodynamic Cancer Therapy. *ACS Nano*, **2020**, 14, 15119-15130 16.7 66
- 365 Myeloid-derived suppressor cells inhibit T cell activation through nitrating LCK in mouse cancers. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 10094-10099 11.5 66
- 364 Variants and new entities of bladder cancer. *Histopathology*, **2019**, 74, 77-96 7.3 64
- 363 Comprehensive characterisation of pancreatic ductal adenocarcinoma with microsatellite instability: histology, molecular pathology and clinical implications. *Gut*, **2021**, 70, 148-156 19.2 64
- 362 Soil bio-cementation using a new one-phase low-pH injection method. *Acta Geotechnica*, **2019**, 14, 615-626 6.9 63
- 361 Effect of Particle Shape on Strength and Stiffness of Biocemented Glass Beads. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2019**, 145, 06019016 3.4 62
- 360 Renal-Clearable Ultrasmall Coordination Polymer Nanodots for Chelator-Free Cu-Labeling and Imaging-Guided Enhanced Radiotherapy of Cancer. *ACS Nano*, **2017**, 11, 9103-9111 16.7 62
- 359 Staging of bladder cancer. *Histopathology*, **2019**, 74, 112-134 7.3 62
- 358 Aptamer-conjugated upconversion nanoprobe assisted by magnetic separation for effective isolation and sensitive detection of circulating tumor cells. *Nano Research*, **2014**, 7, 1327-1336 10 59
- 357 Diagnostic criteria for oncocytic renal neoplasms: a survey of urologic pathologists. *Human Pathology*, **2017**, 63, 149-156 3.7 57
- 356 Immune checkpoint inhibitors for metastatic bladder cancer. *Cancer Treatment Reviews*, **2018**, 64, 11-20 14.4 57
- 355 Inorganic nanomaterials with rapid clearance for biomedical applications. *Chemical Society Reviews*, **2021**, 50, 8669-8742 58.5 55
- 354 Deformation behavior of hot-rolled IN718 superalloy under plane strain compression at elevated temperature. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2014**, 606, 24-30 5.3 54
- 353 Restraint of Particle Breakage by Biotreatment Method. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2020**, 146, 04020123 3.4 54
- 352 Multifunctional two-dimensional nanocomposites for photothermal-based combined cancer therapy. *Nanoscale*, **2019**, 11, 15685-15708 7.7 51
- 351 Immune Checkpoint Inhibitors for the Treatment of Bladder Cancer. *Cancers*, **2021**, 13, 6.6 51
- 350 Hot forging design and microstructure evolution of a high Nb containing TiAl alloy. *Intermetallics*, **2015**, 58, 7-14 3.5 50

349	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
348	Low-grade oncocytic tumour of kidney (CD117-negative, cytokeratin 7-positive): a distinct entity?. <i>Histopathology</i> , 2019 , 75, 174-184	7.3	49
347	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
346	Activating Layered Metal Oxide Nanomaterials via Structural Engineering as Biodegradable Nanoagents for Photothermal Cancer Therapy. <i>Small</i> , 2021 , 17, e2007486	11	49
345	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
344	Drug-Loaded Mesoporous Tantalum Oxide Nanoparticles for Enhanced Synergetic Chemoradiotherapy with Reduced Systemic Toxicity. <i>Small</i> , 2017 , 13, 1602869	11	48
343	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
342	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
341	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
340	Rhenium-188 Labeled Tungsten Disulfide Nanoflakes for Self-Sensitized, Near-Infrared Enhanced Radioisotope Therapy. <i>Small</i> , 2016 , 12, 3967-75	11	45
339	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
338	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
337	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
336	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
335	A new biogrouting method for fine to coarse sand. <i>Acta Geotechnica</i> , 2020 , 15, 1-16	4.9	41
334	Current Strategies and Novel Therapeutic Approaches for Metastatic Urothelial Carcinoma. <i>Cancers</i> , 2020 , 12,	6.6	38
333	Biodegradable Nickel Disulfide Nanozymes with GSH-Depleting Function for High-Efficiency Photothermal-Catalytic Antibacterial Therapy. <i>IScience</i> , 2020 , 23, 101281	6.1	38
332	Superplastic deformation mechanisms of high Nb containing TiAl alloy with (2+1) microstructure. <i>Intermetallics</i> , 2016 , 75, 62-71	3.5	37

331	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
330	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
329	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
328	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
327	Degradable Vanadium Disulfide Nanostructures with Unique Optical and Magnetic Functions for Cancer Theranostics. <i>Angewandte Chemie</i> , 2017 , 129, 13171-13176	3.6	33
326	Renal cell carcinoma staging: pitfalls, challenges, and updates. <i>Histopathology</i> , 2019 , 74, 18-30	7.3	33
325	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
324	The Identification of Immunological Biomarkers in Kidney Cancers. <i>Frontiers in Oncology</i> , 2018 , 8, 456	5.3	32
323	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
322	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
321	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
320	Injectable Anti-inflammatory Nanofiber Hydrogel to Achieve Systemic Immunotherapy Post Local Administration. <i>Nano Letters</i> , 2020 , 20, 6763-6773	11.5	31
319	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
318	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
317	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
316	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
315	Liquid metal droplet robot. <i>Applied Materials Today</i> , 2020 , 19, 100597	6.6	29
314	V-TiO2 nanospindles with regulating tumor microenvironment performance for enhanced sonodynamic cancer therapy. <i>Applied Physics Reviews</i> , 2020 , 7, 041411	17.3	29

313	Oxygen-Deficient Bimetallic Oxide FeWO Nanosheets as Peroxidase-Like Nanozyme for Sensing Cancer via Photoacoustic Imaging. <i>Small</i> , 2020 , 16, e2003496	11	29
312	Visible-light-mediated oxidative demethylation of N-methyl adenines. <i>Chemical Communications</i> , 2017 , 53, 10734-10737	5.8	28
311	Multifunctional Prussian blue-based nanomaterials: Preparation, modification, and theranostic applications. <i>Coordination Chemistry Reviews</i> , 2020 , 419, 213393	23.2	27
310	Morphological spectrum of renal cell carcinoma, unclassified: an analysis of 136 cases. <i>Histopathology</i> , 2018 , 72, 305-319	7.3	27
309	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
308	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
307	Biodegradable CoS ₂ nanoclusters for photothermal-enhanced chemodynamic therapy. <i>Applied Materials Today</i> , 2020 , 18, 100464	6.6	27
306	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
305	Activating KRAS mutations in arteriovenous malformations of the brain: frequency and clinicopathologic correlation. <i>Human Pathology</i> , 2019 , 89, 33-39	3.7	26
304	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
303	Androgen Receptor Signaling Pathway in Prostate Cancer: From Genetics to Clinical Applications. <i>Cells</i> , 2020 , 9,	7.9	26
302	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
301	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
300	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
299	Is There a Role for Immunotherapy in Prostate Cancer?. <i>Cells</i> , 2020 , 9,	7.9	25
298	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
297	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
296	Renal cell carcinoma with TFE3 translocation and succinate dehydrogenase B mutation. <i>Modern Pathology</i> , 2017 , 30, 407-415	9.8	24

295	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
294	Titanium-based nanomaterials for cancer theranostics. <i>Coordination Chemistry Reviews</i> , 2021 , 430, 213662	3.2	24
293	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
292	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
291	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
290	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
289	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
288	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
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135	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
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131	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
130	Recent advances in upconversion nanoparticle-based nanocomposites for gas therapy.. <i>Chemical Science</i> , 2022 , 13, 1883-1898	9.4	5
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124	Gonadoblastoma: origin and outcome. <i>Human Pathology</i> , 2020 , 100, 47-53	3.7	5
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53	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
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50	Tumor microenvironment heterogeneity an important mediator of prostate cancer progression and therapeutic resistance.. <i>Npj Precision Oncology</i> , 2022 , 6, 31	9.8	2
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28	Oxygen-deficient titanium dioxide-loaded black phosphorus nanosheets for synergistic photothermal and sonodynamic cancer therapy 2022 , 212794		1
27	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
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25	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	o
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13	In situ biomass flocculation improves placement of <i>Sporosarcina Pasteurii</i> for microbially mediated sandy soil stabilization. <i>Acta Geotechnica</i> , 1	4.9	o
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