

Paturu Kondaiah

List of Publications by Year in descending order

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158
papers

5,673
citations

57631

44
h-index

114278

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168
all docs

168
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168
times ranked

6787
citing authors

#	ARTICLE	IF	CITATIONS
1	SEQUENCES OF INTEREST: Complementary Deoxyribonucleic Acid Cloning of a Novel Transforming Growth Factor- β 2 Messenger Ribonucleic Acid from Chick Embryo Chondrocytes. <i>Molecular Endocrinology</i> , 1988, 2, 747-755.	3.7	197
2	Identification of Potential Serum Biomarkers of Glioblastoma: Serum Osteopontin Levels Correlate with Poor Prognosis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 1409-1422.	1.1	138
3	Activation of latent TGF β 21 by low-power laser in vitro correlates with increased TGF β 21 levels in laser-enhanced oral wound healing. <i>Wound Repair and Regeneration</i> , 2007, 15, 866-874.	1.5	124
4	Photodynamic Effect in Near-IR Light by a Photocytotoxic Iron(III) Cellular Imaging Agent. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2658-2661.	7.2	117
5	Upregulation of ASCL1 and inhibition of Notch signaling pathway characterize progressive astrocytoma. <i>Oncogene</i> , 2005, 24, 7073-7083.	2.6	114
6	The <i>cis</i> -Diammineplatinum(II) Complex of Curcumin: A Dual Action DNA Crosslinking and Photochemotherapeutic Agent. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13989-13993.	7.2	111
7	Synthesis and Gene Transfection Efficacies of PEI~Cholesterol-Based Lipopolymers. <i>Bioconjugate Chemistry</i> , 2008, 19, 1640-1651.	1.8	103
8	Why Is Less Cationic Lipid Required To Prepare Lipoplexes from Plasmid DNA than Linear DNA in Gene Therapy?. <i>Journal of the American Chemical Society</i> , 2011, 133, 18014-18017.	6.6	103
9	Activation of TGF β 2 Pathway by Areca Nut Constituents: A Possible Cause of Oral Submucous Fibrosis. <i>PLoS ONE</i> , 2012, 7, e51806.	1.1	102
10	PBEF1/NAmPRTase/Visfatin: A potential malignant astrocytoma/glioblastoma serum marker with prognostic value. <i>Cancer Biology and Therapy</i> , 2008, 7, 663-668.	1.5	98
11	Stimuli-responsive colorimetric and NIR fluorescence combination probe for selective reporting of cellular hydrogen peroxide. <i>Chemical Science</i> , 2016, 7, 2832-2841.	3.7	93
12	Genome-wide analysis correlates Ayurveda Prakriti. <i>Scientific Reports</i> , 2015, 5, 15786.	1.6	89
13	How Does the Spacer Length of Cationic Gemini Lipids Influence the Lipoplex Formation with Plasmid DNA? Physicochemical and Biochemical Characterizations and their Relevance in Gene Therapy. <i>Biomacromolecules</i> , 2012, 13, 3926-3937.	2.6	87
14	Effect of the Nature of the Spacer on Gene Transfer Efficacies of Novel Thiocholesterol Derived Gemini Lipids in Different Cell Lines: A Structure~Activity Investigation. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2533-2540.	2.9	82
15	Synthesis and Gene Transfer Activities of Novel Serum Compatible Cholesterol-Based Gemini Lipids Possessing Oxyethylene-Type Spacers. <i>Bioconjugate Chemistry</i> , 2007, 18, 1537-1546.	1.8	77
16	Grade-Specific Expression of Insulin-like Growth Factor~Binding Proteins-2, -3, and -5 in Astrocytomas: IGFBP-3 Emerges as a Strong Predictor of Survival in Patients with Newly Diagnosed Glioblastoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 1399-1408.	1.1	77
17	Complementary Deoxyribonucleic Acid Cloning of Bovine Transforming Growth Factor- β 1. <i>Molecular Endocrinology</i> , 1987, 1, 693-698.	3.7	74
18	A cationic cholesterol based nanocarrier for the delivery of p53-EGFP-C3 plasmid to cancer cells. <i>Biomaterials</i> , 2014, 35, 1334-1346.	5.7	73

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19	Cloning by Polymerase Chain Reaction of a New Mouse TGF- β 2, mTGF- β 3. <i>Growth Factors</i> , 1990, 3, 139-146.	0.5	68
20	Transforming Growth Factor- β 1 in Normal Heart and in Myocardial Infarction. <i>Annals of the New York Academy of Sciences</i> , 1990, 593, 148-160.	1.8	67
21	Mesoderm Induction in <i>Xenopus laevis</i> Distinguishes Between the Various TGF- β 2 Isoforms. <i>Growth Factors</i> , 1990, 3, 277-286.	0.5	65
22	Role of TGF- β 2 and BMP7 in the pathogenesis of oral submucous fibrosis. <i>Growth Factors</i> , 2011, 29, 119-127.	0.5	65
23	Graphene as a Nanocarrier for Tamoxifen Induces Apoptosis in Transformed Cancer Cell Lines of Different Origins. <i>Small</i> , 2012, 8, 131-143.	5.2	64
24	Activin-A signaling promotes epithelial-mesenchymal transition, invasion, and metastatic growth of breast cancer. <i>Npj Breast Cancer</i> , 2015, 1, 15007.	2.3	64
25	Expression of transforming growth factor- β 1 and β 2 in rat glomeruli. <i>Kidney International</i> , 1990, 38, 1095-1100.	2.6	63
26	Glucose-Appended Platinum(II)-BODIPY Conjugates for Targeted Photodynamic Therapy in Red Light. <i>Inorganic Chemistry</i> , 2018, 57, 1717-1726.	1.9	63
27	Aberrant TGF- β 2 Production and Regulation in Metastatic Malignancy. <i>Growth Factors</i> , 1990, 3, 115-127.	0.5	62
28	Pyriplatin-Boron-Dipyromethene Conjugates for Imaging and Mitochondria-Targeted Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2018, 57, 14374-14385.	1.9	62
29	Chemical modifications of natural triterpenes-glycyrrhetic and boswellic acids: evaluation of their biological activity. <i>Tetrahedron</i> , 2008, 64, 11541-11548.	1.0	61
30	Protamine-carboxymethyl cellulose magnetic nanocapsules for enhanced delivery of anticancer drugs against drug resistant cancers. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 969-981.	1.7	61
31	Photorelease and Cellular Delivery of Mitocurcumin from Its Cytotoxic Cobalt(III) Complex in Visible Light. <i>Inorganic Chemistry</i> , 2016, 55, 6027-6035.	1.9	55
32	Monofunctional BODIPY-Appended Imidazoplatin for Cellular Imaging and Mitochondria-Targeted Photocytotoxicity. <i>Inorganic Chemistry</i> , 2017, 56, 11019-11029.	1.9	55
33	Remarkable anticancer activity of ferrocenyl-terpyridine platinum(II) complexes in visible light with low dark toxicity. <i>Dalton Transactions</i> , 2014, 43, 751-763.	1.6	54
34	Iron(III) Complexes of a Pyridoxal Schiff Base for Enhanced Cellular Uptake with Selectivity and Remarkable Photocytotoxicity. <i>Inorganic Chemistry</i> , 2015, 54, 3748-3758.	1.9	54
35	Curcumin Drug-Stabilized in Oxidovanadium(IV)-BODIPY Conjugates for Mitochondria-Targeted Photocytotoxicity. <i>Inorganic Chemistry</i> , 2017, 56, 12457-12468.	1.9	51
36	Gene Transfection Efficacies of Novel Cationic Gemini Lipids Possessing Aromatic Backbone and Oxyethylene Spacers. <i>Biomacromolecules</i> , 2008, 9, 991-999.	2.6	49

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37	Carbohydrate-Appended Tumor Targeting Iron(III) Complexes Showing Photocytotoxicity in Red Light. <i>Inorganic Chemistry</i> , 2014, 53, 2152-2162.	1.9	48
38	Role of Areca Nut Induced TGF- β 2 and Epithelial-Mesenchymal Interaction in the Pathogenesis of Oral Submucous Fibrosis. <i>PLoS ONE</i> , 2015, 10, e0129252.	1.1	48
39	Biotinylated Platinum(II) Ferrocenylterpyridine Complexes for Targeted Photoinduced Cytotoxicity. <i>Inorganic Chemistry</i> , 2016, 55, 5612-5622.	1.9	48
40	Photoactive platinum(II)-diketonates as dual action anticancer agents. <i>Dalton Transactions</i> , 2016, 45, 13234-13243.	1.6	48
41	Effects of a Delocalizable Cation on the Headgroup of Gemini Lipids on the Lipoplex-Type Nanoaggregates Directly Formed from Plasmid DNA. <i>Biomacromolecules</i> , 2013, 14, 3951-3963.	2.6	47
42	Self-Assembly of Discrete Ru(II)-Molecular Cages and Their in Vitro Anticancer Activity. <i>Inorganic Chemistry</i> , 2017, 56, 608-617.	1.9	47
43	A Fourteen Gene GBM Prognostic Signature Identifies Association of Immune Response Pathway and Mesenchymal Subtype with High Risk Group. <i>PLoS ONE</i> , 2013, 8, e62042.	1.1	47
44	Determinants of Prakriti, the Human Constitution Types of Indian Traditional Medicine and its Correlation with Contemporary Science. <i>Journal of Ayurveda and Integrative Medicine</i> , 2014, 5, 166.	0.9	47
45	Transcriptional Control of Expression of the TGF- β s. <i>Annals of the New York Academy of Sciences</i> , 1990, 593, 43-50.	1.8	43
46	Cationic gemini lipids containing polyoxyethylene spacers as improved transfecting agents of plasmid DNA in cancer cells. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4640.	2.9	43
47	DNA methylation analysis of phenotype specific stratified Indian population. <i>Journal of Translational Medicine</i> , 2015, 13, 151.	1.8	43
48	Gene Expression Profiling Identifies a Unique Androgen-Mediated Inflammatory/Immune Signature and a PTEN (Phosphatase and Tensin Homolog Deleted on Chromosome 10)-Mediated Apoptotic Response Specific to the Rat Ventral Prostate. <i>Molecular Endocrinology</i> , 2004, 18, 2895-2907.	3.7	41
49	Effect of the Hydrocarbon Chain and Polymethylene Spacer Lengths on Gene Transfection Efficacies of Gemini Lipids Based on Aromatic Backbone. <i>Bioconjugate Chemistry</i> , 2007, 18, 2144-2158.	1.8	41
50	Photocytotoxic Oxidovanadium(IV) Complexes of Polypyridyl Ligands Showing DNA-Cleavage Activity in Near-IR Light. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3899-3908.	1.0	41
51	Mitochondria-Targeting Oxidovanadium(IV) Complex as a Near-IR Light Photocytotoxic Agent. <i>Chemistry - A European Journal</i> , 2013, 19, 17445-17455.	1.7	41
52	Role of areca nut induced JNK/ATF2/Jun axis in the activation of TGF- β 2 pathway in precancerous Oral Submucous Fibrosis. <i>Scientific Reports</i> , 2016, 6, 34314.	1.6	41
53	Vascular Cell Responses to TGF- β 3 Mimic Those of TGF- β 1 in vitro. <i>Growth Factors</i> , 1991, 5, 149-158.	0.5	40
54	Diplatinum(II) Catecholate of Photoactive Boron-Dipyrromethene for Lysosome-Targeted Photodynamic Therapy in Red Light. <i>Inorganic Chemistry</i> , 2019, 58, 9067-9075.	1.9	38

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55	Natural tripeptide capped pH-sensitive gold nanoparticles for efficacious doxorubicin delivery both <i>in vitro</i> and <i>in vivo</i> . <i>Nanoscale</i> , 2020, 12, 1067-1074.	2.8	38
56	Isolation of Transforming Growth Factor- β 2 cDNA from a fish, <i>Cyprinus carpio</i> by RT-PCR. <i>Gene</i> , 1997, 191, 103-107.	1.0	37
57	Epithelial atrophy in oral submucous fibrosis is mediated by copper (II) and arecoline of <i>areca nut</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 2397-2412.	1.6	37
58	Protumorigenic actions of S100A2 involve regulation of PI3/Akt signaling and functional interaction with Smad3. <i>Carcinogenesis</i> , 2014, 35, 14-23.	1.3	36
59	A delocalizable cationic headgroup together with an oligo-oxyethylene spacer in gemini cationic lipids improves their biological activity as vectors of plasmid DNA. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1495-1506.	2.9	36
60	Mitochondria-Targeted Photoinduced Anticancer Activity of Oxidovanadium(IV) Complexes of Curcumin in Visible Light. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2420-2431.	1.0	35
61	Ruthenium(II) Conjugates of Boron-Dipyrromethene and Biotin for Targeted Photodynamic Therapy in Red Light. <i>Inorganic Chemistry</i> , 2020, 59, 913-924.	1.9	35
62	Nuclear targeting terpyridine iron(II) complexes for cellular imaging and remarkable photocytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2012, 116, 77-87.	1.5	34
63	STAT-1 expression is regulated by IGFBP-3 in malignant glioma cells and is a strong predictor of poor survival in patients with glioblastoma. <i>Journal of Neurosurgery</i> , 2014, 121, 374-383.	0.9	34
64	Mitochondria targeting Photocytotoxic Oxidovanadium(IV) Complexes of Curcumin and (Acridinyl)dipyridophenazine in Visible Light. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 1195-1204.	0.6	34
65	2-(Phenylazo)pyridineplatinum(II) Catecholates Showing Photocytotoxicity, Nuclear Uptake, and Glutathione-Triggered Ligand Release. <i>Inorganic Chemistry</i> , 2015, 54, 253-264.	1.9	34
66	Serum biomarkers identification by iTRAQ and verification by MRM: S100A8/S100A9 levels predict tumor-stroma involvement and prognosis in Glioblastoma. <i>Scientific Reports</i> , 2019, 9, 2749.	1.6	33
67	BODIPY-Ruthenium(II) Bis-Terpyridine Complexes for Cellular Imaging and Type-I/II Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2021, 60, 16178-16193.	1.9	33
68	Gene Expression Signature of DMBA-Induced Hamster Buccal Pouch Carcinomas: Modulation by Chlorophyllin and Ellagic Acid. <i>PLoS ONE</i> , 2012, 7, e34628.	1.1	32
69	Efficient Cellular Knockdown Mediated by siRNA Nanovectors of Gemini Cationic Lipids Having Delocalizable Headgroups and Oligo-Oxyethylene Spacers. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22113-22126.	4.0	32
70	BODIPY-Appended 2-(2-Pyridyl)benzimidazole Platinum(II) Catecholates for Mitochondria-Targeted Photocytotoxicity. <i>ChemMedChem</i> , 2016, 11, 1956-1967.	1.6	31
71	Iron(III) Catecholates for Cellular Imaging and Photocytotoxicity in Red Light. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2494-2504.	1.7	30
72	Efficacious Gene Silencing in Serum and Significant Apoptotic Activity Induction by Survivin Downregulation Mediated by New Cationic Gemini Tocopheryl Lipids. <i>Molecular Pharmaceutics</i> , 2015, 12, 351-361.	2.3	30

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73	Growth inhibitory, apoptotic and anti-inflammatory activities displayed by a novel modified triterpenoid, cyano enone of methyl boswellates. <i>Journal of Biosciences</i> , 2011, 36, 297-307.	0.5	29
74	Novel anti IGFBP2 single chain variable fragment inhibits glioma cell migration and invasion. <i>Journal of Neuro-Oncology</i> , 2015, 123, 225-235.	1.4	29
75	Photocytotoxic cancer cell-targeting platinum(II) complexes of glucose-appended curcumin and biotinylated 1,10-phenanthroline. <i>Dalton Transactions</i> , 2019, 48, 17556-17565.	1.6	28
76	Isolation and Characterization of TGF- β 2 and TGF- β 5 from Medium Conditioned by Xenopus XTC Cells. <i>Growth Factors</i> , 1990, 2, 135-147.	0.5	27
77	Structure-Activity Investigation on the Gene Transfection Properties of Cardiolipin Mimicking Gemini Lipid Analogues. <i>Bioconjugate Chemistry</i> , 2008, 19, 1283-1300.	1.8	27
78	Glioblastoma-Specific Protein Interaction Network Identifies PP1A and CSK21 as Connecting Molecules between Cell Cycle-Associated Genes. <i>Cancer Research</i> , 2010, 70, 6437-6447.	0.4	27
79	Syntheses, Transfection Efficacy and Cell Toxicity Properties of Novel Cholesterol-based Gemini Lipids having Hydroxyethyl Head group. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4600.	1.5	27
80	Platinum(II) Complexes of Curcumin Showing Photocytotoxicity in Visible Light. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1753-1763.	1.0	27
81	Reduction Responsive Nanovesicles Derived from Novel α -Tocopheryl-Lipoic Acid Conjugates for Efficacious Drug Delivery to Sensitive and Drug Resistant Cancer Cells. <i>Bioconjugate Chemistry</i> , 2018, 29, 255-266.	1.8	27
82	Biophysics of Cell-Substrate Interactions Under Shear. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 251.	1.8	27
83	Molecular pathways regulated by areca nut in the etiopathogenesis of oral submucous fibrosis. <i>Periodontology 2000</i> , 2019, 80, 213-224.	6.3	27
84	Regulation of protumorigenic pathways by Insulin like growth factor binding protein2 and its association along with β -catenin in breast cancer lymph node metastasis. <i>Molecular Cancer</i> , 2013, 12, 63.	7.9	26
85	Gene Transfection in High Serum Levels: Case Studies with New Cholesterol Based Cationic Gemini Lipids. <i>PLoS ONE</i> , 2013, 8, e68305.	1.1	26
86	Insulin like growth factor binding protein 4 promotes GBM progression and regulates key factors involved in EMT and invasion. <i>Journal of Neuro-Oncology</i> , 2014, 116, 455-464.	1.4	26
87	Application of microwave heating technique for rapid synthesis of α,β -unsaturated esters. <i>Tetrahedron</i> , 1995, 51, 1809-1816.	1.0	25
88	Immunophenotyping of normal individuals classified on the basis of human dosha prakriti. <i>Journal of Ayurveda and Integrative Medicine</i> , 2014, 5, 43.	0.9	25
89	Gene expression profile of epithelial cells and mesenchymal cells derived from limbal explant culture. <i>Molecular Vision</i> , 2010, 16, 1227-40.	1.1	25
90	Schiff base oxovanadium(IV) complexes of phenanthroline bases showing DNA photocleavage activity at near-IR light and photocytotoxicity. <i>Inorganica Chimica Acta</i> , 2011, 372, 79-87.	1.2	24

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91	Iron(III) benzhydroxamates of dipicolylamines for photocytotoxicity in red light and cellular imaging. <i>Polyhedron</i> , 2014, 73, 124-132.	1.0	24
92	DDX5/p68 associated lncRNA <i>LOC284454</i> is differentially expressed in human cancers and modulates gene expression. <i>RNA Biology</i> , 2018, 15, 214-230.	1.5	24
93	Differential gene expression in peritumoral brain zone of glioblastoma: role of SERPINA3 in promoting invasion, stemness and radioresistance of glioma cells and association with poor patient prognosis and recurrence. <i>Journal of Neuro-Oncology</i> , 2021, 152, 55-65.	1.4	23
94	MiRNA expression profiling and emergence of new prognostic signature for oral squamous cell carcinoma. <i>Scientific Reports</i> , 2021, 11, 7298.	1.6	23
95	Transcriptome profiling reveals PDZ binding kinase as a novel biomarker in peritumoral brain zone of glioblastoma. <i>Journal of Neuro-Oncology</i> , 2019, 141, 315-325.	1.4	22
96	Efficacious redox-responsive gene delivery in serum by ferrocenylated monomeric and dimeric cationic cholesterol. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4310-4320.	1.5	21
97	Oxoplatin-B, a cisplatin-based platinum(IV) complex with photoactive BODIPY for mitochondria specific α -chemo-PDT activity. <i>Journal of Inorganic Biochemistry</i> , 2021, 223, 111526.	1.5	21
98	In vitro characterization of CD133 ^{lo} cancer stem cells in Retinoblastoma Y79 cell line. <i>BMC Cancer</i> , 2017, 17, 779.	1.1	20
99	TGF- β 2 induces changes in breast cancer cell deformability. <i>Physical Biology</i> , 2018, 15, 065005.	0.8	20
100	A Novel Low Molecular Weight Ribonucleic Acid (RNA) Related to Transforming Growth Factor β 1 Messenger RNA. <i>Molecular Endocrinology</i> , 1988, 2, 1056-1063.	3.7	19
101	A 16-Gene Signature Distinguishes Anaplastic Astrocytoma from Glioblastoma. <i>PLoS ONE</i> , 2014, 9, e85200.	1.1	18
102	Co-liposomes of redox-active alkyl-ferrocene modified low MW branched PEI and DOPE for efficacious gene delivery in serum. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2318-2330.	2.9	18
103	Synthetic Triterpenoid Cyano Enone of Methyl Boswellate Activates Intrinsic, Extrinsic, and Endoplasmic Reticulum Stress Cell Death Pathways in Tumor Cell Lines. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1635-1643.	1.9	17
104	Mitochondria-Targeting Iron(III) Catecholates for Photoactivated Anticancer Activity under Red Light. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1002-1012.	1.0	17
105	Insulin-like growth factor binding protein-2 regulates β -catenin signaling pathway in glioma cells and together contributes to poor patient prognosis. <i>Neuro-Oncology</i> , 2016, 18, nww053.	0.6	17
106	Both EZH2 and JMJD6 regulate cell cycle genes in breast cancer. <i>BMC Cancer</i> , 2020, 20, 1159.	1.1	17
107	β -Tocopherol derived lipid dimers as efficient gene transfection agents. Mechanistic insights into lipoplex internalization and therapeutic induction of apoptotic activity. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2444-2452.	1.5	16
108	Co-liposomes having anisamide tagged lipid and cholesteryl tryptophan trigger enhanced gene transfection in sigma receptor positive cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 142, 130-140.	2.5	16

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109	Photochemotherapy of Infrared Active BODIPY-Appended Iron(III) Catecholates for in Vivo Tumor Growth Inhibition. <i>ACS Omega</i> , 2018, 3, 9333-9338.	1.6	16
110	Maloplatin-B, a Cisplatin-Based BODIPY-Tagged Mito-Specific α -Chemo-PDT Agent Active in Red Light. <i>Inorganic Chemistry</i> , 2021, 60, 6410-6420.	1.9	16
111	Regulation of mRNAs encoding MMP-9 and MMP-2, and their inhibitors TIMP-1 and TIMP-2 by androgens in the rat ventral prostate. <i>Molecular and Cellular Endocrinology</i> , 2008, 294, 10-18.	1.6	15
112	Iron(III) salicylates of dipicolylamine bases showing photo-induced anticancer activity and cytosolic localization. <i>Polyhedron</i> , 2015, 102, 668-676.	1.0	15
113	JMJD6 induces HOTAIR, an oncogenic lincRNA, by physically interacting with its proximal promoter. <i>Biochemical Journal</i> , 2018, 475, 355-371.	1.7	15
114	BODIPY-Tagged Platinum(II) Curcumin Complexes for Endoplasmic Reticulum-Targeted Red Light PDT. <i>Inorganic Chemistry</i> , 2022, 61, 1335-1348.	1.9	15
115	Traction cytometry: regularization in the Fourier approach and comparisons with finite element method. <i>Soft Matter</i> , 2018, 14, 4687-4695.	1.2	14
116	Protein kinase ϵ regulates transcription of the human guanylate cyclase ϵ gene. <i>FEBS Journal</i> , 2001, 268, 2160-2171.	0.2	12
117	Co-liposomes comprising a lipidated multivalent RGD-peptide and a cationic gemini cholesterol induce selective gene transfection in α 3 and α 5 integrin receptor-rich cancer cells. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5758-5767.	2.9	12
118	Mitochondria-Targeted Anticancer Activity of BODIPY-Appended Iron(III) Catecholates in Red Light. <i>ChemistrySelect</i> , 2017, 2, 11686-11692.	0.7	12
119	An ultra-stable redox-controlled self-assembling polypeptide nanotube for targeted imaging and therapy in cancer. <i>Journal of Nanobiotechnology</i> , 2018, 16, 101.	4.2	12
120	Low mitochondrial DNA copy number is associated with poor prognosis and treatment resistance in glioblastoma. <i>Mitochondrion</i> , 2020, 55, 154-163.	1.6	12
121	Cancer Stem Cell-Targeted Gene Delivery Mediated by Aptamer-Decorated pH-Sensitive Nanoliposomes. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 2508-2519.	2.6	12
122	Addition of a C-Terminal Extension Sequence to Transforming Growth Factor- β Interferes with Biosynthetic Processing and Abolishes Biological Activity. <i>Growth Factors</i> , 1991, 5, 243-253.	0.5	11
123	Transforming growth factor- β 5 expression during early development of <i>Xenopus laevis</i> . <i>Mechanisms of Development</i> , 2000, 95, 207-209.	1.7	11
124	Expression of tripartite motif-containing protein 28 in primary breast carcinoma predicts metastasis and is involved in the stemness, chemoresistance, and tumor growth. <i>Tumor Biology</i> , 2017, 39, 101042831769591.	0.8	11
125	Regulation of β -catenin by IGFBP2 and its cytoplasmic actions in glioma. <i>Journal of Neuro-Oncology</i> , 2020, 149, 209-217.	1.4	11
126	Synthesis, Antioxidant, and Cytotoxic Activities of <i>N</i> - α -zole Substituted Thiomorpholine Derivatives. <i>Archiv Der Pharmazie</i> , 2014, 347, 221-228.	2.1	10

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127	Terpyridyl oxovanadium(IV) complexes for DNA crosslinking and mito-targeted photocytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2017, 174, 45-54.	1.5	10
128	Stress fiber growth and remodeling determines cellular morphomechanics under uniaxial cyclic stretch. <i>Biomechanics and Modeling in Mechanobiology</i> , 2022, 21, 553-567.	1.4	10
129	Recharacterization of the start sites for the major human transforming growth factor- β 1 mRNA. <i>Gene</i> , 1997, 189, 289-295.	1.0	9
130	Estrogen regulation of chicken riboflavin carrier protein gene is mediated by ERE half sites without direct binding of estrogen receptor. <i>Molecular and Cellular Endocrinology</i> , 2005, 231, 1-11.	1.6	9
131	Polypyridyl iron(II) complexes showing remarkable photocytotoxicity in visible light. <i>Journal of Chemical Sciences</i> , 2015, 127, 609-618.	0.7	9
132	Role of Fiber Orientations in the Mechanics of Bioinspired Fiber-Reinforced Elastomers. <i>Soft Robotics</i> , 2021, 8, 640-650.	4.6	9
133	Structurally Characterized BODIPY-Appended Oxidovanadium(IV) β -Diketonates for Mitochondria-Targeted Photocytotoxicity. <i>ACS Omega</i> , 2020, 5, 4282-4292.	1.6	8
134	Lysosome Specific Platinum(II) Catecholates with Photoactive BODIPY for Imaging and Photodynamic Therapy in Near-IR Light. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 831-839.	1.0	8
135	High-risk human papilloma virus in archival tissues of oral pathosis and normal oral mucosa. <i>Contemporary Clinical Dentistry</i> , 2015, 6, 148.	0.2	8
136	BODIPY-dipicolylamine complexes of platinum(II): X-ray structure, cellular imaging and organelle-specific near-IR light type-II PDT. <i>Dalton Transactions</i> , 2022, 51, 3925-3936.	1.6	8
137	Characterization of the 5' flanking region of the <i>Xenopus laevis</i> transforming growth factor- β 5 (TGF- β 5) gene. <i>Gene</i> , 1998, 208, 323-329.	1.0	7
138	Isolation and characterization of a transforming growth factor- β Type II receptor cDNA from <i>Xenopus laevis</i> . <i>Gene</i> , 2001, 263, 171-178.	1.0	7
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