

Xiaozhi Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,288
citations

304743

22
h-index

223800

46
g-index

55
all docs

55
docs citations

55
times ranked

3436
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated cascade nanozyme catalyzes in vivo ROS scavenging for anti-inflammatory therapy. <i>Science Advances</i> , 2020, 6, eabb2695.	10.3	271
2	O ₂ -generating MnO ₂ nanoparticles for enhanced photodynamic therapy of bladder cancer by ameliorating hypoxia. <i>Theranostics</i> , 2018, 8, 990-1004.	10.0	233
3	Circular RNA circSLC8A1 acts as a sponge of miR-130b/miR-494 in suppressing bladder cancer progression via regulating PTEN. <i>Molecular Cancer</i> , 2019, 18, 111.	19.2	216
4	Copper Tannic Acid Coordination Nanosheet: A Potent Nanozyme for Scavenging ROS from Cigarette Smoke. <i>Small</i> , 2020, 16, e1902123.	10.0	136
5	TGF β 21 Promotes Gemcitabine Resistance through Regulating the LncRNA-LET/NF90/miR-145 Signaling Axis in Bladder Cancer. <i>Theranostics</i> , 2017, 7, 3053-3067.	10.0	132
6	Ligand-Dependent Activity Engineering of Glutathione Peroxidase-Mimicking MIL-47(V) Metal-Organic Framework Nanozyme for Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1227-1234.	13.8	111
7	Blocking interleukin-6 trans-signaling protects against renal fibrosis by suppressing STAT3 activation. <i>Theranostics</i> , 2019, 9, 3980-3991.	10.0	105
8	Combination of ⁶⁸ Ga-PSMA PET/CT and Multiparametric MRI Improves the Detection of Clinically Significant Prostate Cancer: A Lesion-by-Lesion Analysis. <i>Journal of Nuclear Medicine</i> , 2019, 60, 944-949.	5.0	88
9	Comparison of ⁶⁸ Ga-PSMA-11 PET-CT with mpMRI for preoperative lymph node staging in patients with intermediate to high-risk prostate cancer. <i>Journal of Translational Medicine</i> , 2017, 15, 230.	4.4	77
10	Self-assembled tumor-targeting hyaluronic acid nanoparticles for photothermal ablation in orthotopic bladder cancer. <i>Acta Biomaterialia</i> , 2017, 53, 427-438.	8.3	75
11	Size and temporal-dependent efficacy of oltipraz-loaded PLGA nanoparticles for treatment of acute kidney injury and fibrosis. <i>Biomaterials</i> , 2019, 219, 119368.	11.4	74
12	The miR-486-5p plays a causative role in prostate cancer through negative regulation of multiple tumor suppressor pathways. <i>Oncotarget</i> , 2017, 8, 72835-72846.	1.8	51
13	Symbiotic Algae-Bacteria Dressing for Producing Hydrogen to Accelerate Diabetic Wound Healing. <i>Nano Letters</i> , 2022, 22, 229-237.	9.1	48
14	Protective effects of astaxanthin against ischemia/reperfusion induced renal injury in mice. <i>Journal of Translational Medicine</i> , 2015, 13, 28.	4.4	44
15	Nano-immunosorbent assay based on Cas12a/crRNA for ultra-sensitive protein detection. <i>Biosensors and Bioelectronics</i> , 2021, 190, 113450.	10.1	43
16	Transperineal freehand multiparametric MRI fusion targeted biopsies under local anaesthesia for prostate cancer diagnosis: a multicentre prospective study of 1014 cases. <i>BJU International</i> , 2021, 127, 122-130.	2.5	36
17	Phenylenediamine-Based Carbon Nanodots Alleviate Acute Kidney Injury via Preferential Renal Accumulation and Antioxidant Capacity. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31745-31756.	8.0	34
18	Highly effective photothermal chemotherapy with pH-responsive polymer-coated drug-loaded melanin-like nanoparticles. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 1827-1840.	6.7	30

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19	Enhancement of endothelial differentiation of adipose derived mesenchymal stem cells by a three-dimensional culture system of microwell. <i>Biomaterials</i> , 2015, 53, 600-608.	11.4	28
20	Comparison of 68Ga-prostate-specific membrane antigen (PSMA) positron emission tomography/computed tomography (PET/CT) and multi-parametric magnetic resonance imaging (MRI) in the evaluation of tumor extension of primary prostate cancer. <i>Translational Andrology and Urology</i> , 2020, 9, 382-390.	1.4	26
21	Liposome encapsulated perfluorohexane enhances radiotherapy in mice without additional oxygen supply. <i>Journal of Translational Medicine</i> , 2016, 14, 268.	4.4	24
22	Three-Dimensional Aggregates Enhance the Therapeutic Effects of Adipose Mesenchymal Stem Cells for Ischemia-Reperfusion Induced Kidney Injury in Rats. <i>Stem Cells International</i> , 2016, 2016, 1-11.	2.5	23
23	Photosynthetic microorganisms coupled photodynamic therapy for enhanced antitumor immune effect. <i>Bioactive Materials</i> , 2022, 12, 97-106.	15.6	23
24	Fumarate inhibits PTEN to promote tumorigenesis and therapeutic resistance of type2 papillary renal cell carcinoma. <i>Molecular Cell</i> , 2022, 82, 1249-1260.e7.	9.7	23
25	Clinico-radiological characteristic-based machine learning in reducing unnecessary prostate biopsies of PI-RADS 3 lesions with dual validation. <i>European Radiology</i> , 2020, 30, 6274-6284.	4.5	22
26	Ligand-Dependent Activity Engineering of Glutathione Peroxidase-Mimicking MIL-47(V) Metal-Organic Framework Nanozyme for Therapy. <i>Angewandte Chemie</i> , 2021, 133, 1247-1254.	2.0	21
27	GOLPH3 is a potential therapeutic target and a prognostic indicator of poor survival in bladder cancer treated by cystectomy. <i>Oncotarget</i> , 2015, 6, 32177-32192.	1.8	21
28	Astaxanthin protects against renal fibrosis through inhibiting myofibroblast activation and promoting CD8+ T cell recruitment. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 1360-1370.	2.4	20
29	Intraoperative ultrasound: technique and clinical experience in robotic-assisted renal partial nephrectomy for endophytic renal tumors. <i>International Urology and Nephrology</i> , 2021, 53, 455-463.	1.4	20
30	Floating Hydrogel with Self-Generating Micro-Bubbles for Intravesical Instillation. <i>Materials</i> , 2016, 9, 1005.	2.9	19
31	TOX3 inhibits cancer cell migration and invasion via transcriptional regulation of SNAI1 and SNAI2 in clear cell renal cell carcinoma. <i>Cancer Letters</i> , 2019, 449, 76-86.	7.2	19
32	Retrospective comparison of three minimally invasive approaches for adrenal tumors: perioperative outcomes of transperitoneal laparoscopic, retroperitoneal laparoscopic and robot-assisted laparoscopic adrenalectomy. <i>BMC Urology</i> , 2020, 20, 66.	1.4	18
33	Pain in Men Undergoing Transperineal Free-Hand Multiparametric Magnetic Resonance Imaging Fusion Targeted Biopsies under Local Anesthesia: Outcomes and Predictors from a Multicenter Study of 1,008 Patients. <i>Journal of Urology</i> , 2020, 204, 1209-1215.	0.4	17
34	Thin platelet-like COF nanocomposites for blood brain barrier transport and inhibition of brain metastasis from renal cancer. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4475-4488.	5.8	16
35	Basic Fibroblast Growth Factor Ameliorates Endothelial Dysfunction in Radiation-Induced Bladder Injury. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	13
36	SOX9 in prostate cancer is upregulated by cancer-associated fibroblasts to promote tumor progression through HGF/c-Met/FRA1 signaling. <i>FEBS Journal</i> , 2021, 288, 5406-5429.	4.7	13

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37	Synergic highly effective photothermal-chemotherapy with platinum prodrug linked melanin-like nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 356-363.	2.8	12
38	Combining Photothermal Therapy-Induced Immunogenic Cell Death and Hypoxia Relief-Benefited M1-Phenotype Macrophage Polarization for Cancer Immunotherapy. <i>Advanced Therapeutics</i> , 2021, 4, 2000191.	3.2	12
39	Histopathologic analysis of tumor bed and peritumoral pseudocapsule after in vitro tumor enucleation on radical nephrectomy specimen for clinical T1b renal cell carcinoma. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2017, 35, 603.e15-603.e20.	1.6	11
40	Endoscopic Robot-assisted Simple Enucleation Versus Laparoscopic Simple Enucleation With Single-layer Renorrhaphy in Localized Renal Tumors: A Propensity Score-matched Analysis From a High-volume Centre. <i>Urology</i> , 2018, 121, 97-103.	1.0	10
41	PSMA uptake on [68Ga]-PSMA-11-PET/CT positively correlates with prostate cancer aggressiveness. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 66, .	0.7	10
42	circDHTKD1 promotes lymphatic metastasis of bladder cancer by upregulating CXCL5. <i>Cell Death Discovery</i> , 2022, 8, 243.	4.7	9
43	The Therapeutic Effect of Adipose-Derived Mesenchymal Stem Cells for Radiation-Induced Bladder Injury. <i>Stem Cells International</i> , 2016, 2016, 1-8.	2.5	7
44	Trifecta outcomes of modified robot-assisted simple enucleation and standard robot-assisted partial nephrectomy for treating clinical T1b renal cell carcinoma. <i>Translational Andrology and Urology</i> , 2021, 10, 1080-1087.	1.4	7
45	Pan-cancer analysis identifies LMNB1 as a target to redress Th1/Th2 imbalance and enhance PARP inhibitor response in human cancers. <i>Cancer Cell International</i> , 2022, 22, 101.	4.1	7
46	High-efficiency secretory expression of human neutrophil gelatinase-associated lipocalin from mammalian cell lines with human serum albumin signal peptide. <i>Protein Expression and Purification</i> , 2016, 118, 105-112.	1.3	6
47	GCN2 is a potential prognostic biomarker for human papillary renal cell carcinoma. <i>Cancer Biomarkers</i> , 2018, 22, 395-403.	1.7	6
48	Transperineal cryotherapy for unresectable muscle invasive bladder cancer: preliminary experience with 7 male patients. <i>BMC Urology</i> , 2017, 17, 81.	1.4	5
49	Thermo-sensitive hydrogel for preventing bowel injury in percutaneous renal radiofrequency ablation. <i>International Urology and Nephrology</i> , 2016, 48, 1593-1600.	1.4	4
50	Transient expression of Fc-fused human glycoprotein 130 in Expi293F suspension cells. <i>Protein Expression and Purification</i> , 2016, 124, 41-47.	1.3	3
51	Functional and oncologic outcomes of robot-assisted simple enucleation with and without renal arterial cold perfusion in complex renal tumors: a propensity score-matched analysis. <i>BMC Urology</i> , 2021, 21, 2.	1.4	3
52	68Ga-PSMA-11 PET/CT Parameter Correlates with Pathological VEGFR-2/PDGFR- β Expression in Renal Cell Carcinoma Patients. <i>Molecular Imaging and Biology</i> , 2022, 24, 759-768.	2.6	3
53	Local anesthesia for percutaneous US/CT-guided bipolar radiofrequency ablation of small renal masses: A safe and feasible alternative. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2021, 39, 734.e19-734.e24.	1.6	2
54	Innen-Äußertitelbild: Ligand-Dependent Activity Engineering of Glutathione Peroxidase-Mimicking MIL-47(V) Metal-Organic Framework Nanozyme for Therapy (<i>Angew. Chem.</i> 3/2021). <i>Angewandte Chemie</i> , 2021, 133, 1683-1683.	2.0	0