

Nikola Å^{1/2} KneÅ^{3/4}eviÄ

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3144131/publications.pdf>

Version: 2024-02-01

36
papers

1,617
citations

331670

21
h-index

377865

34
g-index

38
all docs

38
docs citations

38
times ranked

2700
citing authors

#	ARTICLE	IF	CITATIONS
1	Large pore mesoporous silica nanomaterials for application in delivery of biomolecules. <i>Nanoscale</i> , 2015, 7, 2199-2209.	5.6	194
2	Functionalized mesoporous silica nanoparticle-based visible light responsive controlled release delivery system. <i>Chemical Communications</i> , 2011, 47, 2817.	4.1	149
3	Antimicrobial nanoparticles and biodegradable polymer composites for active food packaging applications. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 2428-2454.	11.7	140
4	Magnetic mesoporous silica-based core/shell nanoparticles for biomedical applications. <i>RSC Advances</i> , 2013, 3, 9584.	3.6	123
5	Light- and pH-Responsive Release of Doxorubicin from a Mesoporous Silica-Based Nanocarrier. <i>Chemistry - A European Journal</i> , 2011, 17, 3338-3342.	3.3	118
6	A magnetic mesoporous silica nanoparticle-based drug delivery system for photosensitive cooperative treatment of cancer with a mesopore-capping agent and mesopore-loaded drug. <i>Nanoscale</i> , 2013, 5, 1544.	5.6	99
7	Point-of-Need DNA Testing for Detection of Foodborne Pathogenic Bacteria. <i>Sensors</i> , 2019, 19, 1100.	3.8	82
8	Magnetic nanoarchitectures for cancer sensing, imaging and therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 9-23.	5.8	64
9	Ruthenium(II) complex-photosensitized multifunctionalized porous silicon nanoparticles for two-photon near-infrared light responsive imaging and photodynamic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1337-1342.	5.8	57
10	Targeted Treatment of Cancer with Nanotherapeutics Based on Mesoporous Silica Nanoparticles. <i>ChemPlusChem</i> , 2015, 80, 26-36.	2.8	53
11	Graphene-based biosensors for on-site detection of contaminants in food. <i>Analytical Methods</i> , 2018, 10, 5061-5070.	2.7	51
12	Nanodiamond-PMO for two-photon PDT and drug delivery. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5803-5808.	5.8	49
13	Mesoporous Silica and Organosilica Nanomaterials as UV-Blocking Agents. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 20231-20236.	8.0	49
14	Advanced mesoporous silica nanocarriers in cancer theranostics and gene editing applications. <i>Journal of Controlled Release</i> , 2021, 337, 193-211.	9.9	45
15	Tuning the Release of Anticancer Drugs from Magnetic Iron Oxide/Mesoporous Silica Core/Shell Nanoparticles. <i>ChemPlusChem</i> , 2012, 77, 48-55.	2.8	41
16	Silicon-based nanotheranostics. <i>Nanoscale</i> , 2017, 9, 12821-12829.	5.6	37
17	Mesoporous silicon nanoparticles for targeted two-photon theranostics of prostate cancer. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3639-3642.	5.8	35
18	Cultivating Multidisciplinarity: Manufacturing and Sensing Challenges in Cultured Meat Production. <i>Biology</i> , 2021, 10, 204.	2.8	35

#	ARTICLE	IF	CITATIONS
19	Hydroxylated fullerene-capped, vinblastine-loaded folic acid-functionalized mesoporous silica nanoparticles for targeted anticancer therapy. RSC Advances, 2016, 6, 7061-7065.	3.6	24
20	Platinum(IV) complex with pyridoxal semicarbazone. Inorganic Chemistry Communication, 2003, 6, 561-564.	3.9	23
21	Hard Template Synthesis of Nanomaterials Based on Mesoporous Silica. Metallurgical and Materials Engineering, 2018, 24, .	0.5	23
22	Synthesis and Characterization of Core-Shell Magnetic Mesoporous Silica and Organosilica Nanostructures. MRS Advances, 2017, 2, 1037-1045.	0.9	18
23	Visible light responsive anticancer treatment with an amsacrine-loaded mesoporous silica-based nanodevice. RSC Advances, 2013, 3, 19388.	3.6	17
24	pH-Responsive Release of Ruthenium Metallotherapeutics from Mesoporous Silica-Based Nanocarriers. Pharmaceutics, 2021, 13, 460.	4.5	16
25	Amino-acid functionalized porous silicon nanoparticles for the delivery of pDNA. RSC Advances, 2019, 9, 31895-31899.	3.6	14
26	Core/shell magnetic mesoporous silica nanoparticles with radially oriented wide mesopores. Processing and Application of Ceramics, 2014, 8, 109-112.	0.8	14
27	Investigation of the surface interactions of selected amides with mesoporous silica using FTIR spectroscopy and hyperspectral imaging. Journal of Molecular Structure, 2020, 1219, 128562.	3.6	11
28	Magnetic Field-Induced Accentuation of Drug Release from Core/Shell Magnetic Mesoporous Silica Nanoparticles for Anticancer Treatment. Journal of Nanoscience and Nanotechnology, 2016, 16, 4195-4199.	0.9	10
29	[Pt(HPxSC)Cl ₃], a novel platinum(IV) compound with anticancer properties. European Journal of Pharmacology, 2005, 517, 28-34.	3.5	6
30	Fullerenol-Capped Porous Silica Nanoparticles for pH-Responsive Drug Delivery. Advances in Materials Science and Engineering, 2015, 2015, 1-6.	1.8	5
31	Functionalized Periodic Mesoporous Organosilica Nanoparticles for Loading and Delivery of Suramin. Inorganics, 2019, 7, 16.	2.7	5
32	Crystal structure of (ethylenediammonium-N,N'-di-3-propanoic acid) tetrachloropalladate(II) complex. Journal of Chemical Crystallography, 2004, 34, 185-189.	1.1	4
33	Effect of mesoporous silica nanoparticles on the properties of polyurethane network composites. Progress in Organic Coatings, 2021, 151, 106049.	3.9	2
34	Frontispiece: Targeted Treatment of Cancer with Nanotherapeutics Based on Mesoporous Silica Nanoparticles. ChemPlusChem, 2015, 80, .	2.8	1
35	Effects of organic coating on hyperthermic efficiencies. , 2017, , .		1
36	Monomolecular sheets of propeller-shaped triethyl 4,4'-[2,4'-bis(2-[benzene-1,3,5-triyltris(ethyne-2,1-diyl)]tribenzoate deuteriochloroform monosolvate. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 937-940.	0.5	0