

# Nikola Å<sup>1/2</sup> KneÅ<sup>3/4</sup>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	Effect of mesoporous silica nanoparticles on the properties of polyurethane network composites. <i>Progress in Organic Coatings</i> , 2021, 151, 106049.	3.9	2
2	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
3	Cultivating Multidisciplinarity: Manufacturing and Sensing Challenges in Cultured Meat Production. <i>Biology</i> , 2021, 10, 204.	2.8	35
4	pH-Responsive Release of Ruthenium Metallotherapeutics from Mesoporous Silica-Based Nanocarriers. <i>Pharmaceutics</i> , 2021, 13, 460.	4.5	16
5	Advanced mesoporous silica nanocarriers in cancer theranostics and gene editing applications. <i>Journal of Controlled Release</i> , 2021, 337, 193-211.	9.9	45
6	Investigation of the surface interactions of selected amides with mesoporous silica using FTIR spectroscopy and hyperspectral imaging. <i>Journal of Molecular Structure</i> , 2020, 1219, 128562.	3.6	11
7	Functionalized Periodic Mesoporous Organosilica Nanoparticles for Loading and Delivery of Suramin. <i>Inorganics</i> , 2019, 7, 16.	2.7	5
8	Magnetic nanoarchitectures for cancer sensing, imaging and therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 9-23.	5.8	64
9	Point-of-Need DNA Testing for Detection of Foodborne Pathogenic Bacteria. <i>Sensors</i> , 2019, 19, 1100.	3.8	82
10	Amino-acid functionalized porous silicon nanoparticles for the delivery of pDNA. <i>RSC Advances</i> , 2019, 9, 31895-31899.	3.6	14
11	Graphene-based biosensors for on-site detection of contaminants in food. <i>Analytical Methods</i> , 2018, 10, 5061-5070.	2.7	51
12	Mesoporous Silica and Organosilica Nanomaterials as UV-Blocking Agents. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 20231-20236.	8.0	49
13	Hard Template Synthesis of Nanomaterials Based on Mesoporous Silica. <i>Metallurgical and Materials Engineering</i> , 2018, 24, .	0.5	23
14	Synthesis and Characterization of Core-Shell Magnetic Mesoporous Silica and Organosilica Nanostructures. <i>MRS Advances</i> , 2017, 2, 1037-1045.	0.9	18
15	Silicon-based nanotheranostics. <i>Nanoscale</i> , 2017, 9, 12821-12829.	5.6	37
16	Effects of organic coating on hyperthermic efficiencies. , 2017, , .		1
17	Magnetic Field-Induced Accentuation of Drug Release from Core/Shell Magnetic Mesoporous Silica Nanoparticles for Anticancer Treatment. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 4195-4199.	0.9	10
18	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

#	ARTICLE	IF	CITATIONS
19	Nanodiamond-PMO for two-photon PDT and drug delivery. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5803-5808.	5.8	49
20	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
21	Hydroxylated fullerene-capped, vinblastine-loaded folic acid-functionalized mesoporous silica nanoparticles for targeted anticancer therapy. <i>RSC Advances</i> , 2016, 6, 7061-7065.	3.6	24
22	Fullerenol-Capped Porous Silica Nanoparticles for pH-Responsive Drug Delivery. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-6.	1.8	5
23	Frontispiece: Targeted Treatment of Cancer with Nanotherapeutics Based on Mesoporous Silica Nanoparticles. <i>ChemPlusChem</i> , 2015, 80, .	2.8	1
24	Large pore mesoporous silica nanomaterials for application in delivery of biomolecules. <i>Nanoscale</i> , 2015, 7, 2199-2209.	5.6	194
25	Targeted Treatment of Cancer with Nanotherapeutics Based on Mesoporous Silica Nanoparticles. <i>ChemPlusChem</i> , 2015, 80, 26-36.	2.8	53
26	Monomolecular sheets of propeller-shaped triethyl 4,4'-[benzene-1,3,5-triyltris(ethyne-2,1-diyl)]tribenzoate deuteriochloroform monosolvate. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 937-940.	0.5	0
27	Core/shell magnetic mesoporous silica nanoparticles with radially oriented wide mesopores. <i>Processing and Application of Ceramics</i> , 2014, 8, 109-112.	0.8	14
28	Visible light responsive anticancer treatment with an amsacrine-loaded mesoporous silica-based nanodevice. <i>RSC Advances</i> , 2013, 3, 19388.	3.6	17
29	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
30	Magnetic mesoporous silica-based core/shell nanoparticles for biomedical applications. <i>RSC Advances</i> , 2013, 3, 9584.	3.6	123
31	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
32	Functionalized mesoporous silica nanoparticle-based visible light responsive controlled release delivery system. <i>Chemical Communications</i> , 2011, 47, 2817.	4.1	149
33	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
34	[Pt(HPxSC)Cl <sub>3</sub> ], a novel platinum(IV) compound with anticancer properties. <i>European Journal of Pharmacology</i> , 2005, 517, 28-34.	3.5	6
35	Crystal structure of (ethylenediammonium-N,N'-di-3-propanoic acid) tetrachloropalladate(II) complex. <i>Journal of Chemical Crystallography</i> , 2004, 34, 185-189.	1.1	4
36	Platinum(IV) complex with pyridoxal semicarbazone. <i>Inorganic Chemistry Communication</i> , 2003, 6, 561-564.	3.9	23