

Kajsa k Uvdal

List of Publications by Year in descending order

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128
papers

6,560
citations

94433

37
h-index

66911

78
g-index

131
all docs

131
docs citations

131
times ranked

10010
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational molecular passivation for high-performance perovskite light-emitting diodes. <i>Nature Photonics</i> , 2019, 13, 418-424.	31.4	970
2	Structure of 3-aminopropyl triethoxy silane on silicon oxide. <i>Journal of Colloid and Interface Science</i> , 1991, 147, 103-118.	9.4	494
3	Coordination polymers for energy transfer: Preparations, properties, sensing applications, and perspectives. <i>Coordination Chemistry Reviews</i> , 2015, 284, 206-235.	18.8	361
4	Synthesis and characterisation of Gd ₂ O ₃ nanocrystals functionalised by organic acids. <i>Journal of Colloid and Interface Science</i> , 2005, 288, 140-148.	9.4	226
5	Hybrid Rhodamine Fluorophores in the Visible/NIR Region for Biological Imaging. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14026-14043.	13.8	224
6	L-cysteine adsorbed on gold and copper: An X-ray photoelectron spectroscopy study. <i>Journal of Colloid and Interface Science</i> , 1992, 149, 162-173.	9.4	198
7	Multicolor Fluorescent Semiconducting Polymer Dots with Narrow Emissions and High Brightness. <i>ACS Nano</i> , 2013, 7, 376-384.	14.6	197
8	Synthesis and Characterization of PEGylated Gd ₂ O ₃ Nanoparticles for MRI Contrast Enhancement. <i>Langmuir</i> , 2010, 26, 5753-5762.	3.5	192
9	Surface functionalization and biomedical applications based on SiC. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 6435-6442.	2.8	172
10	Polyethylene glycol-covered ultra-small Gd ₂ O ₃ nanoparticles for positive contrast at 1.5 T magnetic resonance clinical scanning. <i>Nanotechnology</i> , 2007, 18, 395501.	2.6	154
11	Synthesis and Characterization of Tb ³⁺ -Doped Gd ₂ O ₃ Nanocrystals: A Bifunctional Material with Combined Fluorescent Labeling and MRI Contrast Agent Properties. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6913-6920.	3.1	154
12	Nanoscale Light-Harvesting Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5729-5733.	13.8	138
13	High proton relaxivity for gadolinium oxide nanoparticles. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2006, 19, 180-186.	2.0	116
14	One-step synthesis of water-dispersible ultra-small Fe ₃ O ₄ nanoparticles as contrast agents for T1 and T2 magnetic resonance imaging. <i>Nanoscale</i> , 2014, 6, 2953.	5.6	115
15	Cerium oxide nanoparticles with antioxidant capabilities and gadolinium integration for MRI contrast enhancement. <i>Scientific Reports</i> , 2018, 8, 6999.	3.3	111
16	Light-Up Lipid Droplets Dynamic Behaviors Using a Red-Emitting Fluorogenic Probe. <i>Analytical Chemistry</i> , 2020, 92, 3613-3619.	6.5	104
17	Nanoscale Ln(III)-Carboxylate Coordination Polymers (Ln = Gd, Eu, Yb): Temperature-Controlled Guest Encapsulation and Light Harvesting. <i>Journal of the American Chemical Society</i> , 2010, 132, 10391-10397.	13.7	97
18	High-intensity near-IR fluorescence in semiconducting polymer dots achieved by cascade FRET strategy. <i>Chemical Science</i> , 2013, 4, 2143.	7.4	89

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19	Infrared and photoelectron spectroscopy of amino acids on copper: Glycine, l-alanine and β -alanine. <i>Journal of Colloid and Interface Science</i> , 1990, 140, 192-206.	9.4	88
20	Infrared and photoelectron spectroscopic studies of ethyl and octyl xanthate ions adsorbed on metallic and sulfidized gold surfaces. <i>Langmuir</i> , 1993, 9, 733-739.	3.5	84
21	A facile "click" reaction to fabricate a FRET-based ratiometric fluorescent Cu ²⁺ probe. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4467.	5.8	71
22	Light induced damage in poly(3,4-ethylenedioxythiophene) and its derivatives studied by photoelectron spectroscopy. <i>Synthetic Metals</i> , 2004, 141, 67-73.	3.9	68
23	Novel material concepts of transducers for chemical and biosensors. <i>Biosensors and Bioelectronics</i> , 2007, 22, 2780-2785.	10.1	66
24	Positive MRI contrast enhancement in THP- α 1 cells with Gd ₂ O ₃ nanoparticles. <i>Contrast Media and Molecular Imaging</i> , 2008, 3, 106-111.	0.8	60
25	A simple polyol-free synthesis route to Gd ₂ O ₃ nanoparticles for MRI applications: an experimental and theoretical study. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	59
26	Probe for simultaneous membrane and nucleus labeling in living cells and <i>in vivo</i> bioimaging using a two-photon absorption water-soluble Zn(terpyridine) complex with a reduced β -conjugation system. <i>Chemical Science</i> , 2016, 8, 142-149.	7.4	57
27	A new ratiometric fluorescent chemodosimeter based on an ICT modulation for the detection of Hg ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 639-644.	7.8	55
28	ZnO Nanoparticles Functionalized with Organic Acids: An Experimental and Quantum-Chemical Study. <i>Journal of Physical Chemistry C</i> , 2009, 113, 17332-17341.	3.1	54
29	Organosilane-functionalized wide band gap semiconductor surfaces. <i>Applied Physics Letters</i> , 2007, 90, 223904.	3.3	48
30	MoS ₂ nanosheets inlaid in 3D fibrous N-doped carbon spheres for lithium-ion batteries and electrocatalytic hydrogen evolution reaction. <i>Carbon</i> , 2019, 150, 363-370.	10.3	48
31	Chemisorption of the Dipeptide Arg-Cys on a Gold Surface and the Selectivity of G-Protein Adsorption. <i>Langmuir</i> , 2001, 17, 2008-2012.	3.5	47
32	X-ray photoelectron and infrared spectroscopy of glycine adsorbed upon copper. <i>Journal of Colloid and Interface Science</i> , 1990, 140, 207-216.	9.4	45
33	Nanocrystalline ruthenium oxide and ruthenium in sensing applications " an experimental and theoretical study. <i>Journal of Nanoparticle Research</i> , 2006, 8, 899-910.	1.9	43
34	Gd ₂ O ₃ nanoparticles in hematopoietic cells for MRI contrast enhancement. <i>International Journal of Nanomedicine</i> , 2011, 6, 3233.	6.7	42
35	Nested hollow architectures of nitrogen-doped carbon-decorated Fe, Co, Ni-based phosphides for boosting water and urea electrolysis. <i>Nano Research</i> , 2022, 15, 1916-1925.	10.4	42
36	Biotinylation of ZnO Nanoparticles and Thin Films: A Two-Step Surface Functionalization Study. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2128-2135.	8.0	41

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37	A rhodamine-based fluorescent probe for Hg ²⁺ and its application for biological visualization. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 452-458.	7.8	40
38	A logic gate-based fluorogenic probe for Hg ²⁺ detection and its applications in cellular imaging. <i>Analytica Chimica Acta</i> , 2016, 919, 85-93.	5.4	38
39	Colloidal synthesis and characterization of ultrasmall perovskite GdFeO ₃ nanocrystals. <i>Nanotechnology</i> , 2008, 19, 085608.	2.6	37
40	Effects of gadolinium oxide nanoparticles on the oxidative burst from human neutrophil granulocytes. <i>Nanotechnology</i> , 2012, 23, 275101.	2.6	37
41	Tricyclohexylphosphine Adsorbed on Gold. <i>Langmuir</i> , 1995, 11, 1252-1256.	3.5	36
42	Highly Water-Dispersible Surface-Modified Gd ₂ O ₃ Nanoparticles for Potential Dual-Modal Bioimaging. <i>Chemistry - A European Journal</i> , 2013, 19, 12658-12667.	3.3	35
43	Rapid detection of mercury (II) ions and water content by a new rhodamine B-based fluorescent chemosensor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 241, 118657.	3.9	35
44	A series of Zn(terpyridine) complexes with enhanced two-photon-excited fluorescence for in vitro and in vivo bioimaging. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7213-7221.	5.8	34
45	XPS and NEXAFS study of tyrosine-terminated propanethiol assembled on gold. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2003, 128, 159-164.	1.7	33
46	Surface interactions between Y ₂ O ₃ nanocrystals and organic molecules—an experimental and quantum-chemical study. <i>Surface Science</i> , 2005, 592, 124-140.	1.9	33
47	Magneto-fluorescent nanoparticles with high-intensity NIR emission, T ₁ - and T ₂ -weighted MR for multimodal specific tumor imaging. <i>Journal of Materials Chemistry B</i> , 2015, 3, 3072-3080.	5.8	31
48	Design, synthesis, linear and nonlinear photophysical properties of novel pyrimidine-based imidazole derivatives. <i>New Journal of Chemistry</i> , 2016, 40, 3456-3463.	2.8	31
49	Vapor deposited polyaniline. <i>Synthetic Metals</i> , 1989, 29, 451-456.	3.9	30
50	New Materials for Chemical and Biosensors. <i>Materials and Manufacturing Processes</i> , 2006, 21, 253-256.	4.7	30
51	Hybrid Rhodamine Fluorophores in the Visible/NIR Region for Biological Imaging. <i>Angewandte Chemie</i> , 2019, 131, 14164-14181.	2.0	30
52	ZIF-assisted construction of magnetic multiple core-shell Fe ₃ O ₄ @ZnO@N-doped carbon composites for effective photocatalysis. <i>Chemical Engineering Science</i> , 2019, 209, 115185.	3.8	27
53	Fabrication of multi-layer CoSnO ₃ @carbon-caged NiCo ₂ O ₄ nanobox for enhanced lithium storage performance. <i>Chemical Engineering Journal</i> , 2021, 410, 128458.	12.7	26
54	Arginine-Cys and Arginine-cysteamine adsorbed on gold and the G-protein adsorbate interaction. <i>Colloids and Surfaces B: Biointerfaces</i> , 2002, 25, 335-346.	5.0	25

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55	Sol-gel synthesis and characterization of polycrystalline GdFeO ₃ and Gd ₃ Fe ₅ O ₁₂ thin films. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 49, 253-259.	2.4	25
56	Electronic structure of the aluminum/polythiophene interface: A joint experimental and theoretical study. <i>Synthetic Metals</i> , 1991, 43, 3323-3328.	3.9	24
57	Structural Investigation of 3,4-Dihydroxyphenylalanine-Terminated Propanethiol Assembled on Gold. <i>Journal of Physical Chemistry B</i> , 2003, 107, 13396-13402.	2.6	24
58	A TPA-caged precursor of (imino)coumarin for turn-on fluorogenic detection of Cu ⁺ . <i>Analytica Chimica Acta</i> , 2016, 933, 189-195.	5.4	24
59	Integrated Design of Hierarchical CoSnO ₃ @NC/MnO ₂ @NC Nanobox as Anode Material for Enhanced Lithium Storage Performance. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 19768-19777.	8.0	24
60	Mitochondria-targeted iridium (III) complexes as two-photon fluorogenic probes of cysteine/homocysteine. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 408-415.	7.8	22
61	Graphene Decorated with Iron Oxide Nanoparticles for Highly Sensitive Interaction with Volatile Organic Compounds. <i>Sensors</i> , 2019, 19, 918.	3.8	22
62	Thermal effects in FeCl ₃ -doped poly(3-hexylthiophene), and a blend with poly(ethylvinylacetate), studied by optical absorption and x-ray photoelectron spectroscopy. <i>Synthetic Metals</i> , 1989, 28, 445-450.	3.9	21
63	A reversible and highly selective two-photon fluorescent probe for biological Cu ²⁺ detection. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2264-2268.	2.8	21
64	Endoplasmic reticulum-targeted fluorogenic probe based on pyrimidine derivative for visualizing exogenous/endogenous H ₂ S in living cells. <i>Dyes and Pigments</i> , 2020, 179, 108390.	3.7	21
65	Ratiometric fluorogenic determination of endogenous hypochlorous acid in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 232-239.	3.9	20
66	ZnO materials and surface tailoring for biosensing. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 254.	1.8	19
67	Selective detections of Hg ²⁺ and F ⁻ by using tailor-made fluorogenic probes. <i>Sensors and Actuators B: Chemical</i> , 2018, 269, 368-376.	7.8	19
68	Scanning tunneling microscopy of single polyalkylthiophene molecules adsorbed on graphite. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1993, 31, 111-114.	2.1	18
69	Adsorption of Potassium O,O-Di(para-fluorophenyl) Dithiophosphate on Gold, Silver, and Copper. <i>Langmuir</i> , 1999, 15, 8161-8169.	3.5	18
70	Surface treatment of nanoporous silicon with noble metal ions and characterizations. <i>Applied Surface Science</i> , 2010, 256, 4231-4240.	6.1	18
71	Magnetic and Electron Spin Relaxation Properties of (Gd _x Y _{1-x}) ₂ O ₃ (0 ≤ x ≤ 1) Nanoparticles Synthesized by the Combustion Method. Increased Electron Spin Relaxation Times with Increasing Yttrium Content. <i>Journal of Physical Chemistry C</i> , 2011, 115, 5469-5477.	3.1	17
72	Ligand-Structure Effect on the Formation of One-Dimensional Nanoscale Cu(II)-Schiff Base Complexes and Solvent-Mediated Shape Transformation. <i>Crystal Growth and Design</i> , 2012, 12, 2707-2713.	3.0	17

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73	Preparation of amyloid-like fibrils containing magnetic iron oxide nanoparticles: Effect of protein aggregation on proton relaxivity. <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 682-686.	2.1	17
74	Nonlinear optical response and two-photon biological applications of a new family of imidazole-pyrimidine derivatives. <i>Dyes and Pigments</i> , 2016, 126, 286-295.	3.7	17
75	NIR-region two-photon fluorescent probes for Fe ³⁺ /Cu ²⁺ ions based on pyrimidine derivatives with different flexible chain. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 574-578.	7.8	17
76	Imaging XPS and photoemission electron microscopy; surface chemical mapping and blood cell visualization. <i>Biointerphases</i> , 2017, 12, 02C408.	1.6	17
77	XPS study of palladium sensitized nano porous silicon thin film. <i>Bulletin of Materials Science</i> , 2010, 33, 647-651.	1.7	16
78	Noradrenaline and a Thiol Analogue on Gold Surfaces: An Infrared Reflection Absorption Spectroscopy, X-ray Photoelectron Spectroscopy, and Near-Edge X-ray Absorption Fine Structure Spectroscopy Study. <i>Journal of Physical Chemistry C</i> , 2011, 115, 165-175.	3.1	15
79	Real-time visualizing the regulation of reactive oxygen species on Zn ²⁺ release in cellular lysosome by a specific fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2018, 264, 419-425.	7.8	14
80	Electrochemical Impedance Spectroscopy for Investigations on Ion Permeation in γ -Functionalized Self-Assembled Monolayers. <i>Analytical Chemistry</i> , 2007, 79, 8391-8398.	6.5	13
81	Selective colorimetric detection of copper (II) by a protein-based nanoprobe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119462.	3.9	13
82	Phenylboronic Ester- and Phenylboronic Acid-Terminated Alkanethiols on Gold Surfaces. <i>Journal of Physical Chemistry C</i> , 2012, 116, 796-806.	3.1	12
83	Tyrosine derivatives assembled on gold. <i>Journal of Colloid and Interface Science</i> , 2003, 260, 361-366.	9.4	11
84	LTCC Packaged Ring Oscillator Based Sensor for Evaluation of Cell Proliferation. <i>Sensors</i> , 2018, 18, 3346.	3.8	11
85	Characterization of chromatinized hot-dip-galvanized steel and 55% AlZn-coated steel using ESCA and AES. <i>Surface and Interface Analysis</i> , 1992, 19, 379-385.	1.8	10
86	Synthesis of tetrathiafulvalenes suitable for self-assembly applications Electronic supplementary information (ESI) available: Characterization data for the new compounds. See http://www.rsc.org/suppdata/jm/b3/b310260b/ . <i>Journal of Materials Chemistry</i> , 2004, 14, 81.	6.7	10
87	Metal Ion Interaction with Phosphorylated Tyrosine Analogue Monolayers on Gold. <i>Journal of Physical Chemistry B</i> , 2006, 110, 23410-23416.	2.6	10
88	A ratiometric fluorogenic nanoprobe for real-time quantitative monitoring of lysosomal pH. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130350.	7.8	10
89	Organic xanthates adsorbed on gold surfaces: an infrared and photoelectron study. , 1992, , 100-109.		9
90	Thioethylpyrrole Monolayers on Gold. A Spectroscopic Study in Ultrahigh Vacuum. <i>Journal of Physical Chemistry B</i> , 1998, 102, 6529-6538.	2.6	9

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91	Thiol-Modified Pyrrole Monomers: 2. As-Deposited Monolayers of 1-(2-Thioethyl)pyrrole and 3-(2-Thioethyl)pyrrole. <i>Langmuir</i> , 1998, 14, 2976-2983.	3.5	9
92	G-protein Interactions with Receptor-Derived Peptides Chemisorbed on Gold. <i>Langmuir</i> , 2003, 19, 10304-10309.	3.5	9
93	Self-assembled monolayer engineered interfaces: Energy level alignment tuning through chain length and end-group polarity. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 204, 140-144.	1.7	9
94	Polyampholytic Poly(AEMA-co-SPMA) Thin Films and Their Potential for Antifouling Applications. <i>ACS Applied Polymer Materials</i> , 2021, 3, 5361-5372.	4.4	9
95	Structure of tert-Butyl Carbamate-Terminated Thiol Chemisorbed to Gold. <i>Journal of Physical Chemistry B</i> , 2005, 109, 16040-16046.	2.6	8
96	Modified Epitaxial Graphene on SiC for Extremely Sensitive and Selective Gas Sensors. <i>Materials Science Forum</i> , 2016, 858, 1145-1148.	0.3	8
97	A novel Schiff base derivative: Synthesis, two-photon absorption properties and application for bioimaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 198, 304-308.	3.9	8
98	Neutrophils Activated by Nanoparticles and Formation of Neutrophil Extracellular Traps: Work Function Mapping and Element Specific Imaging. <i>Analytical Chemistry</i> , 2019, 91, 13514-13520.	6.5	8
99	Real-time tracking of mitochondrial dynamics by a dual-sensitive probe. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128418.	7.8	8
100	In-situ growth of cerium nanoparticles for chrome-free, corrosion resistant anodic coatings. <i>Surface and Coatings Technology</i> , 2021, 410, 126958.	4.8	8
101	Molecular orientation of tridecafluorosilane on the surface of oxidized silicon. <i>Journal of Colloid and Interface Science</i> , 1990, 136, 440-446.	9.4	7
102	Adsorption of n-butyl-substituted tetrathiafulvalene dodecanethiol on gold. <i>Journal of Colloid and Interface Science</i> , 2005, 287, 388-393.	9.4	7
103	Air-Stable Gadolinium Precursors for the Facile Microwave-Assisted Synthesis of Gd ₂ O ₃ Nanocontrast Agents for Magnetic Resonance Imaging. <i>Crystal Growth and Design</i> , 2018, 18, 633-641.	3.0	7
104	Activatable MRI probes for the specific detection of bacteria. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 7353-7362.	3.7	7
105	Cerium Oxide Nanoparticles with Entrapped Gadolinium for High T ₁ Relaxivity and ROS-Scavenging Purposes. <i>ACS Omega</i> , 2022, 7, 21337-21345.	3.5	7
106	A new route to the formation of biomimetic phosphate assemblies on gold: Synthesis and characterization. <i>Journal of Colloid and Interface Science</i> , 2006, 295, 41-49.	9.4	6
107	Surface Functionalization of SiC for Biosensor Applications. <i>Materials Science Forum</i> , 2007, 556-557, 957-960.	0.3	6
108	Nanoparticle activated neutrophils-on-a-chip: A label-free capacitive sensor to monitor cells at work. <i>Sensors and Actuators B: Chemical</i> , 2020, 313, 128020.	7.8	6

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109	Impact of Amine Additives on Perovskite Precursor Aging: A Case Study of Light-Emitting Diodes. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5836-5843.	4.6	6
110	Tricyclohexylphosphine Adsorbed on Rhodium. <i>Langmuir</i> , 1998, 14, 7189-7196.	3.5	5
111	Ground state and phase transitions in a system of arg-cysteamines self-assembled on a Au(111) crystal surface. <i>Journal of Chemical Physics</i> , 2004, 120, 954-960.	3.0	5
112	Surface Engineering of Functional Materials for Biosensors. , 0, , .		5
113	$\hat{I}\pm 2A$ -Adrenergic Receptor Derived Peptide Adsorbates: A G-Protein Interaction Study. <i>Langmuir</i> , 2006, 22, 7260-7264.	3.5	5
114	Thermal reduction of activation energy of tricyclohexylphosphine on a rhodium crystal surface. <i>Journal of Chemical Physics</i> , 2001, 115, 9513-9518.	3.0	3
115	New transducer material concepts for biosensors and surface functionalization. <i>Proceedings of SPIE</i> , 2009, , .	0.8	3
116	Single-wavelength-excited fluorogenic nanoprobe for accurate realtime ratiometric analysis of broad pH fluctuations in mitophagy. <i>Nano Research</i> , 2022, 15, 6515-6521.	10.4	3
117	Step by step rare-earth catalyzed SiOx annealing and simultaneous formation of Europium- silicide by low coverage of Eu doped Gd2O3 nanoparticles. <i>Surface Science</i> , 2021, 704, 121743.	1.9	2
118	Nanocontacts give efficient hole injection in organic electronics. <i>Science Bulletin</i> , 2021, 66, 875-879.	9.0	2
119	ON THE POSSIBILITY TO RESOLVE GADOLINIUM- AND CERIUM-BASED CONTRAST AGENTS FROM THEIR CT NUMBERS IN DUAL-ENERGY COMPUTED TOMOGRAPHY. <i>Radiation Protection Dosimetry</i> , 2021, 195, 225-231.	0.8	2
120	Tailorable Membraneâ€”Penetrating Nanoplatform for Highly Efficient Organelleâ€”Specific Localization. <i>Small</i> , 2021, 17, 2101440.	10.0	2
121	NEXAFS Study of Amino Acid Analogues Assembled on Gold. <i>Physica Scripta</i> , 2005, , 851.	2.5	1
122	Mixed Monolayers to Promote G-Protein Adsorption:â€” $\hat{I}\pm 2A$ -Adrenergic Receptor-Derived Peptides Coadsorbed with Formyl-Terminated Oligopeptides. <i>Langmuir</i> , 2007, 23, 8474-8479.	3.5	1
123	Iron Oxide Nanoparticle Decorated Graphene for Ultra-Sensitive Detection of Volatile Organic Compounds. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	1
124	Protein interaction, monocyte toxicity and immunogenic properties of cerium oxide crystals with 5% or 14% gadolinium, cobalt oxide and iron oxide nanoparticles â€” an interdisciplinary approach. <i>Nanotoxicology</i> , 2021, 15, 1035-1058.	3.0	1
125	Photoelectron Spectroscopy Model Study of the Interface Between Polyimide and Copper. , 1991, , 189-198.		1
126	Polyimideâ€”Copper Interface. <i>ACS Symposium Series</i> , 1990, , 333-343.	0.5	0

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127	Quantification of structural alterations in lung disease—a proposed analysis methodology of CT scans of preclinical mouse models and patients. Biomedical Physics and Engineering Express, 2015, 1, 035201.	1.2	0
128	New Tools for Imaging Neutrophils: Work Function Mapping and Element-Specific, Label-Free Imaging of Cellular Structures. Nano Letters, 2021, 21, 222-229.	9.1	0