

Angela Bernabeu-Sanz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31 papers	552 citations	14 h-index	23 g-index
33 ext. papers	619 ext. citations	4.2 avg, IF	3.4 L-index

#	Paper	IF	Citations
31	The membrane-active regions of the hepatitis C virus E1 and E2 envelope glycoproteins. <i>Biochemistry</i> , 2006 , 45, 3755-68	3.2	63
30	Brain volumetric and metabolic correlates of electroconvulsive therapy for treatment-resistant depression: a longitudinal neuroimaging study. <i>Translational Psychiatry</i> , 2017 , 7, e1023	8.6	62
29	Brain edema dynamics in patients with overt hepatic encephalopathy A magnetic resonance imaging study. <i>NeuroImage</i> , 2010 , 52, 481-7	7.9	52
28	Location and orientation of Triclosan in phospholipid model membranes. <i>European Biophysics Journal</i> , 2004 , 33, 448-53	1.9	41
27	Hearing colors: an example of brain plasticity. <i>Frontiers in Systems Neuroscience</i> , 2015 , 9, 56	3.5	37
26	Characterization of the interaction of two peptides from the N terminus of the NHR domain of HIV-1 gp41 with phospholipid membranes. <i>Biochemistry</i> , 2007 , 46, 10572-84	3.2	34
25	Identification of the membrane-active regions of hepatitis C virus p7 protein: biophysical characterization of the loop region. <i>Journal of Biological Chemistry</i> , 2008 , 283, 8089-101	5.4	30
24	Structure of the C-terminal domain of the pro-apoptotic protein Hrk and its interaction with model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007 , 1768, 1659-70	3.8	26
23	Proton magnetic resonance spectroscopy (1H-MRS) reveals the presence of elevated myo-inositol in the occipital cortex of blind subjects. <i>NeuroImage</i> , 2009 , 47, 1172-6	7.9	25
22	Interaction of a peptide from the pre-transmembrane domain of the severe acute respiratory syndrome coronavirus spike protein with phospholipid membranes. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 13714-25	3.4	19
21	Response to immunotherapy in CLIPPERS: clinical, MRI, and MRS follow-up. <i>Journal of Neuroimaging</i> , 2013 , 23, 254-5	2.8	18
20	A MAS-NMR study of the location of (+)-tatarol, a diterpenoid bioactive molecule, in phospholipid model membranes. <i>Chemistry and Physics of Lipids</i> , 2002 , 119, 33-9	3.7	18
19	Two-dimensional infrared correlation spectroscopy study of the interaction of oxidized and reduced cytochrome c with phospholipid model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007 , 1768, 2409-20	3.8	16
18	The pre-transmembrane region of the HCV E1 envelope glycoprotein: interaction with model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008 , 1778, 2069-80	3.8	14
17	Gd-Si Oxide Nanoparticles as Contrast Agents in Magnetic Resonance Imaging. <i>Nanomaterials</i> , 2016 , 6,	5.4	13
16	MRI evidence of brain atrophy, white matter damage, and functional adaptive changes in patients with cervical spondylosis and prolonged spinal cord compression. <i>European Radiology</i> , 2020 , 30, 357-369 ⁸		13
15	Is diffusion tensor imaging useful in the assessment of the sciatic nerve and its pathologies? Our clinical experience. <i>British Journal of Radiology</i> , 2016 , 89, 20150728	3.4	11

14	Impact of vitamin D insufficiency on insulin homeostasis and beta cell function in nondiabetic male HIV-infected patients. <i>HIV Medicine</i> , 2013 , 14, 540-8	2.7	11
13	Engineered contrast agents in a single structure for T-T dual magnetic resonance imaging. <i>Nanoscale</i> , 2018 , 10, 6349-6360	7.7	9
12	Gd-Si oxide mesoporous nanoparticles with pre-formed morphology prepared from a Prussian blue analogue template. <i>Dalton Transactions</i> , 2015 , 44, 14034-41	4.3	8
11	BRAIM: A computer-aided diagnosis system for neurodegenerative diseases and brain lesion monitoring from volumetric analyses. <i>Computer Methods and Programs in Biomedicine</i> , 2017 , 145, 167-179	6.9	6
10	Epidermoid cyst with a metabolite pattern mimicking a brain abscess. A magnetic resonance spectroscopy study. <i>Journal of Neuroimaging</i> , 2013 , 23, 145-8	2.8	6
9	Evolution of Liver Steatosis Quantified by MR Imaging and MR Spectroscopy, in Morbidly Obese Patients Undergoing Sleeve Gastrectomy: Short-Term Outcomes. <i>Obesity Surgery</i> , 2017 , 27, 1724-1728	3.7	6
8	Design and Development of a Pneumatic Robot for Neurorehabilitation Therapies. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 315-326	0.4	5
7	Main genetic differences in high-grade gliomas may present different MR imaging and MR spectroscopy correlates. <i>European Radiology</i> , 2021 , 31, 749-763	8	3
6	Efficient Variational Approach to Multimodal Registration of Anatomical and Functional Intra-Patient Tumorous Brain Data. <i>International Journal of Neural Systems</i> , 2017 , 27, 1750014	6.2	2
5	When Playing Is a Problem: An Atypical Case of Alien Hand Syndrome in a Professional Pianist. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 198	3.3	2
4	Robot-assisted rehabilitation treatment of a 65-year old woman with alien hand syndrome 2014 ,		1
3	Multimodal 3D Registration of Anatomic (MRI) and Functional (fMRI and PET) Intra-patient Images of the Brain. <i>Lecture Notes in Computer Science</i> , 2015 , 340-347	0.9	1
2	Neuroplasticity and Blindness: From Clinical Setting to Technology Research. <i>Biosystems and Biorobotics</i> , 2017 , 107-110	0.2	
1	Understanding the effects of prolonged cervical spinal cord compression on the brain. Current knowledge and future challenges 2022 , 95-105		