

QUADRO : PRODUÇÃO INTELECTUAL DO PPG FIS IF UFRJ

AUTOR PRINCIPAL	TÍTULO	PERIÓDICO	ANO	QUALIS	CITAÇÃO	LINK	PRODUTIVIDADE - CNPq	BASE
OLIVEIRA-LIMA, L. ; COSTA, N. C. ; DE LIMA, J. PIMENTEL ; SCALETTA R, R. T. ; SANTOS, R. R. DOS	Dynamicalresiliencetodisorder: The dilute Hubbard model ontheLieblattice.	PHYSICAL REVIEW B	2020	A2		https://journals.aps.org/prb/abstract/10.1103/PhysRevB.101.165109		Arxiv.gov
COSTA, NATANAE L C. ; SEKI, KAZUHIRO ; YUNOKI, SEIJI ; SORELLA, SANDRO	Phasediagramofthetwo-dimensional Hubbard-Holstein model	Communications Physics	2020	A2	9	https://www.nature.com/articles/s42005-020-0342-2		Web of Science
DOS ANJOS SOUSA-JÚNIOR, SEBASTIÃO ; DE LIMA, JOSÉ P. ; COSTA, NATANAE L C. ; DOS SANTOS, RAIMUNDO R	SuperconductingKondophase in anorbitallyseparatedbilayer	Physical Review Research	2020	A1		https://journals.aps.org/prresearch/abstract/10.1103/PhysRevResearch.2.033168		APS.ORG
GÓMEZ, FRAN ; SILVA, LEANDRO S. ; ARAÚJO, GLAUBER RIBEIRO DE SOUSA ; Frases, Susana ;	Effectofcellgeometry in theevaluation oferythrocyte viscoelasticproperties	PHYSICAL REVIEW E	2020	A2	2	https://journals.aps.org/pre/abstract/10.1103/PhysRevE.101.062403	Nível 2	APS.ORG

PINHEIRO, ANA ACACIA S. ; AGERO, UBIRAJAR A ; Pontes, Bruno ; Viana, Nathan Bessa								
SOARES, JULIANA ; ARAUJO, GLAUBER R. DE S. ; SANTANA, CINTIA ; MATIAS, DIANA ; Moura-Neto, Vivaldo ; Farina, Marcos ; Frases, Susana ; Viana, Nathan B. ; ROMÃO, LUCIANA ; NUSSENZVEIG, H. MOYSÉS ; Pontes, Bruno	MembraneElasticPropertiesDuring Neural Precursor CellDifferentiation. Cells	Cells	2020	C	2	https://www.mdpi.com/2073-4409/9/6/1323	Nível 2	Web of Science
GÓMEZ, FRAN ; SILVA, LEANDRO S. ; TEIXEIRA, DOUGLAS E. ; AGERO, UBIRAJAR A ; PINHEIRO,	Plasmodium falciparum maturationacross theintra-erythrocyticcycle shifts the soft glassyviscoelasticproperties ofred bloodcells from a liquid-like	EXPERIMENTAL CELL RESEARCH	2020	A1		https://www.sciencedirect.com/science/article/pii/S0014482720306236	Nível 2	Science direct

ANA ACÁCIA S. ; Viana, Nathan B. ; Pontes, Bruno	towards a solid-like behavior							
Braga, Nelson R.F. ; DA MATA, RODRIGO	Quasinormal modes for heavy vector mesons in a finitedensity plasma	PHYSICS LETTERS B	2020	A2	4	https://www.science-direct.com/science/article/pii/S0370269320301854	Nível 1C	Web of Science
BRAGA, NELSON R.F. ; DA MATA, RODRIGO	Configuration entropy for quarkonium in a finitedensity plasma	PHYSICAL REVIEW D	2020	A2	15	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.101.105016	Nível 1C	Web of Science
Braga, Nelson R.F. ; DA MATA, RODRIGO	Configuration entropydescriptionofcharm oniumdissociationundertheinfluenceof magneticfields	PHYSICS LETTERS B	2020	A2	7	https://www.science-direct.com/science/article/pii/S0370269320307218	Nível 1C	Web of Science
ALVARENGA, BRUNALAMIS ; ALMEIDA, ROSIMARY TEREZINHA DE ; Gonçalves, Odair Dias	Análise Descritiva do Perfil dos Alunos do Bacharelado em Física Médica e em Física da Universidade Federal do Rio de Janeiro	REVISTA BRASILEIRA DE ENSINO DE FÍSICA (ONLINE)	2020	B5	1	https://www.scielo.br/scielo.php?pid=S1806-11172020000100106&script=sci_arttext&tlng=pt		Scielo
ALI, RFAQAT ; PINHEIRO, FELIPE A. ; DUTRA, RAFAEL S. ; ROSA,	Enantioselective manipulation of single chiralnanoparticlesusingoptical tweezers	Nanoscale	2020	A1	12	https://pubs.rsc.org/no/content/articlehtml/2020/nr/c9nr09736h	Nível 1B	Web of Science

FELIPE S. S. ; MAIA NETO, PAULO A.								
SPRENG, BENJAMIN ; MAIA NETO, PAULO A. ; Ingold, Gert-Ludwig	Plane-wave approach to the exact van der Waals interaction between colloidal particles	JOURNAL OF CHEMICAL PHYSICS	2020	A2	7	https://aip.scitation.org/doi/abs/10.1063/5.0011368	Nível 1B	Web of Science
ALI, R. ; PINHEIRO, F. A. ; DUTRA, R. S. ; NETO, P. A. MAIA	Tailoring optical pulling forces with composite microspheres	PHYSICAL REVIEW A	2020	A2	3	https://journals.aps.org/pr/abstract/10.1103/PhysRevA.102.023514	Nível 1B	Web of Science
ALI, RFAQAT ; PINHEIRO, F. A. ; DUTRA, R. S. ; ROSA, F. S. S. ; Maia Neto, P. A.	Probing the optical chiral response of single nanoparticles with optical tweezers	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2020	B2	1	https://www.osapublishing.org/abstract.cfm?uri=josa-b-37-9-2796	Nível 1B	Web of Science
ALI, RFAQAT ; DUTRA, RAFAEL S. ; PINHEIRO, FELIPE A. ; ROSA, FELIPE S. S. ; MAIA NETO, PAULO A	Theory of optical tweezing of dielectric microspheres in chiral host media and its applications	Scientific Reports	2020	A1	1	https://www.nature.com/articles/s41598-020-73530-1	Nível 1B	Web of Science
OLIVEIRA-LIMA, L. ; COSTA, N. C. ; DE LIMA, J. PIMENTEL	Dynamical resilience to disorder: The dilute Hubbard model	PHYSICAL REVIEW B	2020	A2	1	https://journals.aps.org/prb/abstract/10.1103/PhysRevB.101.165109	Nível SR	Web of Science

; Scalettar, R. T. ; SANTOS, R. R. DOS	ontheLieblatti ce							
DOS ANJOS SOUSA-JÚNIOR, SEBASTIÃO ; DE LIMA, JOSÉ P. ; COSTA, NATANAEL C. ; dos Santos, Raimundo R.	SuperconductingKondophase in anorbitallyseparatedbilayer	Physical Review Research	2020	A1	1	https://journals.aps.org/prresearch/abstract/10.1103/PhysRevResearch.2.033168	Nível SR	Web of Science
FERNANDEZ, R. L. ; Reis, Ribamar R. R. ; Jorás, S. E.	Massivescalarwavepacket emissionby a chargedblack holeandcosmiccensorship conjecture violation	PHYSICAL REVIEW D	2020	A2		https://journals.aps.org/prd/abstract/10.1103/PhysRevD.102.024049		Arxiv.gov
SANTANA, L. T. ; LOBATO, J. C. ; MATOS, I. S. ; CALVAO, M. O. ; REIS, Ribamar R. R.	Evolution oftheelectricfieldalongnullrays for arbitraryobserversandspacetimes	PHYSICAL REVIEW D	2020	A2	3	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.101.081501		Arxiv.gov
Marcelo Vargas dos Santos ; Miguel Quartin ; Reis, Ribamar R. R.	Onthecosmological performance ofphotometricallyclassified supernovaewithmachinelearning	ASTRONOMICAL SOCIETY. MONTHLY NOTICES	2020	A2	2	https://academic.oup.com/mnras/article-abstract/497/3/2974/5892000		APS.ORG