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EDUCATION	Massachusetts Institute of Technology, Cambridge, MA		
	PhD Candidate in Physics (Expected	l) June 2021	
	 Doctoral Supervisor: Prof. Marin Soljačić DOE Computational Science Graduate Fellow MIT School of Science Fellow 	2016-2020 2020-2021	
	Bachelor of Science in Physics	June 2016	
	• GPA: 5.0/5.0		
ACCEPTED PUBLICATIONS (* DENOTES EQUAL CONTRIBUTION)	3. Lin, X. Rivera, N., Lopez, J.J., Kaminer, I., Chen, H., and Soljacic, M. "Tailoring the energy distribution and loss of 2D plasmons." In press.		
	2. Rivera N.* , Kaminer, I.*, Zhen B., Joannopoulos, J.D. and Soljacic M. "Shrinking light to allow forbidden transitions on the atomic scale." Science , 353, 6296. (2016).		
	1. Rivera , N. , Hsu, C.W., Zhen, B., Buljan, H., Joannopoulos J.D., and Soljacic, M. "Controlling directionality and dimensionality of radiation through separable bound states in the continuum." Scientific Reports , 6, 33394. (2016).		
SUBMITTED PUBLICATIONS	1. Machado, F.*, Rivera N. *, Buljan, H., Soljacic, M., and Kaminer, I. "Shaped polaritons reshape selection rules". In review.		
PATENTS	2. Rivera N.H., Kaminer, I., Zhen B., Joannopoulos, J.D. and Soljacic M. "Thin-Film Polaritons for spectroscopic, light emission, quantum optics, and sensing applications". Provisional Patent Application filed Jun. 2016.		
	 Rivera N.H., Kaminer, I., Zhen B., Joannopoulos, J.D. and Soljacic M. "Plasmons for spectroscopic, light emission, and broadband light generation applications". Provisional Patent Application filed Dec. 2015. 		
Honors and Awards	1. LeRoy Apker Award (APS)	Oct 2016	
	2. Order of the Lepton Award (MIT)	Jun 2016	
	3. Joel Matthew Orloff Award for Outstanding Service (MIT)	Jun 2016	
	4. Joel Matthew Orloff Award for Outstanding Research (MIT)	Jun 2016	
	5. Hertz Foundation Fellowship Finalist	Jan 2016	
	6. Herez Foundation Fellowship Finance	Juli 2010	
Conference Presentations	5. Invited Presentation: March Meeting (APS)., New Orleans, LA	Mar 2017	
	4. Invited Presentation : Workshop on Light-Matter Interaction and Excited Sta (Northrop Grumman)., Redondo Beach, CA	te Dynamics Oct 2016	
	3. Contributed Talk: Frontiers in Optics/Laser Science, Rochester, NY	Oct 2016	
	2. Contributed Talk: Conference on Lasers and Electro-Optics., San Jose, CA	Jun 2016	
	1. Contributed Talk: Frontiers in Optics/Laser Science, San Jose, CA	Oct 2015	

Optica, Phys. Rev. A, ACS Photonics, Optics Letters

Journals I